

20031230.qrp v03\_n150.qrl.20031230

Date: Tue, 30 Dec 2003 19:03:09 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 3150

QRP-L Digest 3150

Topics covered in this issue include:

- 1) [164061] Re: FT-817 or K1-4  
by "Andy Palm" <acpalm@concentric.net>
- 2) [164062] PRELIM FOX LOG de K2QO 12-23-03  
by "Mark S. Adams" <msadams@buffalo.edu>
- 3) [164063] Morse Express "Millenium Key" for sale  
by "Jim Sheldon" <w0eb@cox.net>
- 4) [164064] RE: [qrp-l] Re: Tenna Dipper Question  
by "Nick Kennedy" <wa5bdu@tcainternet.com>
- 5) [164065] Re: Balun core number system  
by Brad Thompson <Brad.Thompson@VALLEY.NET>
- 6) [164066] RE: mini crystal for FT-243?  
by "Nick Kennedy" <wa5bdu@tcainternet.com>
- 7) [164067] Re: Balun core number system  
by "Chris Trask" <chistrask@earthlink.net>
- 8) [164068] Re: Balun core number system  
by "Chris Trask" <chistrask@earthlink.net>
- 9) [164069] FW: [qrp-l] Re: straight key before paddle  
by "Nick Kennedy" <wa5bdu@tcainternet.com>
- 10) [164070] progress update..  
by sergio <sergio@village-buzz.com>
- 11) [164071] DSWMULTI..."Gee, Wally...I THOUGHT that was the 5-volt terminal of the regulator chip"... OR... MAXIMUM SMOKE from the bus switch :(  
by <bill@n4qa.com>
- 12) [164072] FS:QRP Quarterlies  
by "Michael Bower N4NMR" <bowerm@ix.netcom.com>
- 13) [164073] RE: mini crystal for FT-243?  
by <bill@n4qa.com>
- 14) [164074] St. Louis Loop  
by KEN BROWN <qrpers@juno.com>
- 15) [164075] Dustin' off the gear for SKN...  
by <bill@n4qa.com>
- 16) [164076] RE: mini crystal for FT-243?  
by "Nick Kennedy" <wa5bdu@tcainternet.com>
- 17) [164077] Re: Wow  
by "Rich Johnson" <rjohnson390@comcast.net>
- 18) [164078] Antenna's  
by "Brent Sutphin WB4X" <bsutphin@triad.rr.com>

- 19) [164079] Millennium Key Spoken For  
by "Jim Sheldon" <w0eb@cox.net>
- 20) [164080] Re: [qrp-l] Re: straight key before paddle  
by "Ron KU7Y" <ku7y@tds.net>
- 21) [164081] calling all foxes  
by kd5kxf <kd5kxf@classicnet.net>
- 22) [164082] Re: Morse HELL (of sorts)  
by ham@w3eax.umd.edu
- 23) [164083] Re: Antenna's  
by "Ron KU7Y" <ku7y@tds.net>
- 24) [164084] Re: Wow  
by WJuergens@t-online.de (Wolf-Ruediger Juergens)
- 25) [164085] Re: Dustin' off the gear for SKN...  
by Peter Burbank <peterlee@qx.net>
- 26) [164086] Re pwr connectors  
by Peter Burbank <peterlee@qx.net>
- 27) [164087] OT: Car RFI on 2m  
by Shawn Upton <kb1ckt@yahoo.com>
- 28) [164088] Here Little Piggies  
by "Jerry Ford" <benlightnd13@mchsi.com>
- 29) [164089] RE: balun core numbering  
by "Sverre Holm" <svholm2@broadpark.no>
- 30) [164090] Art of Telegraphy  
by "Thom R. Lacosta" <lacosta@bcpl.net>
- 31) [164091] Re: Antenna's  
by "Pastor-kc1di" <elbc2@gwi.net>
- 32) [164092] Re: mini crystal for FT-243?  
by "Tony Martin W4FOA" <w4foa@comcast.net>
- 33) [164093] Re: Art of Telegraphy  
by "Brad Hedges" <bhedges@nc.rr.com>
- 34) [164094] RE: Art of Telegraphy  
by "J. Michael Thurman" <jmthurman@centurytel.net>
- 35) [164095] RE: [qrp-l] Re: straight key before paddle  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 36) [164096] Fwd: [Premium-Rx] components data via Agilent-WOW!  
by Ed Tanton <n4xy@earthlink.net>
- 37) [164097] OWE it must be piggie MOJO  
by "Jerry Ford" <benlightnd13@mchsi.com>
- 38) [164098] Re: Art of Telegraphy  
by "Thom R. Lacosta" <lacosta@bcpl.net>
- 39) [164099] Re: Dustin' off the gear for SKN...  
by <bill@n4qa.com>
- 40) [164100] Re: OT: Car RFI on 2m  
by Shawn Upton <kb1ckt@yahoo.com>
- 41) [164101] World War II Gear Comes To Life In Time For SKN  
by "Don Foster" <k5kw@azalea.net>
- 42) [164102] FW: Earth's Inconstant Magnetic Field (fwd)  
by "rattray" <rattray@accesscomm.ca>

- 43) [164103] Re: Basic Keyer  
by Steven Weber <kd1jv@moose.ncia.net>
- 44) [164104] Re: Tenna Dipper Question  
by Steven Weber <kd1jv@moose.ncia.net>
- 45) [164105] Re: mini crystal for FT-243?  
by "Jade's Technical Services" <kw3u@warwick.net>
- 46) [164106] Elecraft KX1/K1 comparison now on web  
by "Bruce Prior" <n7rr@hotmail.com>
- 47) [164107] Re: OT: Car RFI on 2m  
by Peter Burbank <peterlee@qx.net>
- 48) [164108] Re: OT: Car RFI on 2m  
by Shawn Upton <kb1ckt@yahoo.com>
- 49) [164109] Re: World War II Gear Comes To Life In Time For SKN  
by George F Franklin <w0av@juno.com>
- 50) [164110] Re: calling all foxes  
by Wayne\_W5KDJ <w5kdj@juno.com>
- 51) [164111] Re: Basic Keyer  
by Dale Botkin <dale@botkin.org>
- 52) [164112] Re: Antenna's  
by John Oppenheimer <KN5L@gte.net>
- 53) [164113] Happy New Year!  
by "Oleg V. Borodin" <master72@lipetsk.ru>
- 54) [164114] SKN  
by John Sielke <jsielke@pobox.com>
- 55) [164115] Re: OT: Car RFI on 2m  
by Shawn Upton <kb1ckt@yahoo.com>
- 56) [164116] G4FON Koch Method Update  
by "Howard" <wa2afd@hotmail.com>
- 57) [164117] Reminder ARRL SKN (New Years Eve / New Years day)  
by Michael Babineau <michael.babineau@sympatico.ca>
- 58) [164118] Re: World War II Gear Comes To Life In Time For SKN  
by "john gabbard" <johngabbard@usintouch.com>
- 59) [164119] Re: Car RFI on 2m  
by "Mike Yetsko" <myetsko@insydesw.com>
- 60) [164120] Re: Reminder ARRL SKN (New Years Eve / New Years day)  
by John Sielke <jsielke@pobox.com>
- 61) [164121] Re: G4FON Koch Method Update  
by Karl Larsen <k5di@zianet.com>
- 62) [164122] The hunts heaten up and the pond is dry  
by "Jerry Ford" <benlightnd13@mchsi.com>
- 63) [164123] Re: [fpqrp] The hunts heaten [sic] up and the pond is dry  
by Lloyd Lachow <llachow@yahoo.com>
- 64) [164124] Re: FW: [qrp-l] Re: straight key before paddle  
by Bruce Muscolino <w6toy@erols.com>
- 65) [164125] Re: Art of Telegraphy  
by KJ7UN <kj7un@kj7un.com>
- 66) [164126] 80m Glowbugs last night  
by Garie Halstead K8KFJ <khyberpass65@yahoo.com>

- 67) [164127] FOX Sked Change for TONITE  
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 68) [164128] DX-40 Lives  
by Chuck Carpenter <w5usj@9plus.net>
- 69) [164129] RE: Reminder ARRL SKN (New Years Eve / New Years day)  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 70) [164130] Fox - Team Results...  
by "rattray" <rattray@accesscomm.ca>
- 71) [164131] Moving to 14064  
by "Jerry Ford" <benlightnd13@mchsi.com>
- 72) [164132] RE: Reminder ARRL SKN (New Years Eve / New Years day)  
by John Sielke <jsielke@pobox.com>
- 73) [164133] Re: Computer CW program  
by "Donn" <dkuse@suwanneevalley.net>
- 74) [164134] Holly Porkers  
by "Jerry Ford" <benlightnd13@mchsi.com>
- 75) [164135] skn setup..  
by sergio <sergio@village-buzz.com>
- 76) [164136] Re: Holly Porkers  
by Lloyd Lachow <llachow@yahoo.com>
- 77) [164137] 10.104 now RIP  
by "Todd Fonstad" <tfonstad@vbe.com>

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Date: Mon, 29 Dec 2003 17:38:33 -0600  
From: "Andy Palm" <acpalm@concentric.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [164061] Re: FT-817 or K1-4  
Message-ID: <001801c3ce65\$79d92ac0\$0298ee42@andy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I own both rigs and like both.

#### FT-817 Pros:

- All bands and modes, incl. VHF and UHF CW, SSB, and FM
- Lots of information available on rig, lots of accessories available and it's fun to accessorize
- Decent CW performance, esp. with 500 Hz filter. Has IF shift also.

#### FT-817 Cons:

- Kind of a current hog for QRP--I normally used a 17Ah battery with it for a weekend of operation
- Pretty noisy receiver, so you need outboard audio filtering or communications headphones to lower hiss (like Radio Shack "racing scanner

headphones"

- For SSB work you really should have an outboard speech processor
- No memories for internal keyer
- Needs external ATU if a tuner is needed

K1 Pros:

- Fun to build and great service and support
- Excellent receiver (for its type), with three filter widths
- Very, very battery friendly--you can get 5 watts at comparatively low supply voltages
- Two keyer memories
- Built in ATU is available as option--very handy when using portable multiband antennas

K1 Cons:

- Basically a 4 band HF rig, unless you are willing to change PC board to add another 2 HF bands
- CW mode only, no SSB or digital

Maybe I'm stating the obvious here, but these are just my personal reflections. Good luck on your decision.

Andy N1KSN

-----  
Date: Mon, 29 Dec 2003 19:00:01 -0500  
From: "Mark S. Adams" <msadams@buffalo.edu>  
To: QRP-L@LEHIGH.EDU  
Cc: Tom@buffalo.edu, Palmer@buffalo.edu, n1tp@swfla.rr.com,  
MISSING\_MAILBOX\_TERMINATOR@.SYNTAX-ERROR  
Subject: [164062] PRELIM FOX LOG de K2QO 12-23-03  
Message-ID: <1072742401.3ff0c001820ef@mail1.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 8bit

Hi Gang,

Sorry for my tardiness in getting the prelim log posted, but here it is! If there are any gross errors please let me know. I will file the official log later this week.

I know there are a few guys I copied, maybe even sent a report to that are not in the log. Again, sorry, but if I did not copy YOUR info, you did not make it.

72,  
Mark K2Q0

|      |           |       |    |        |     |    |        |       |
|------|-----------|-------|----|--------|-----|----|--------|-------|
| 40CW | 23-Dec-03 | 02:01 | 1  | N4ROA  | 559 | VA | DAN    | 5W    |
| 40CW | 23-Dec-03 | 02:02 | 2  | K9IS   | 559 | WI | STEVE  | 5W    |
| 40CW | 23-Dec-03 | 02:04 | 3  | KL7V   | 559 | OK | SAM    | 5W    |
| 40CW | 23-Dec-03 | 02:05 | 4  | K0EVZ  | 559 | MT | DOC    | 5W    |
| 40CW | 23-Dec-03 | 02:05 | 5  | N9NE   | 559 | WI | TODD   | 5W    |
| 40CW | 23-Dec-03 | 02:06 | 6  | KB9YIG | 559 | IN | TONY   | 2W    |
| 40CW | 23-Dec-03 | 02:07 | 7  | AC7A/5 | 559 | OK | TOM    | 5W    |
| 40CW | 23-Dec-03 | 02:08 | 8  | W5TB   | 559 | TX | DOC    | 5W    |
| 40CW | 23-Dec-03 | 02:09 | 9  | AG0T   | 559 | ND | TODD   | 4W    |
| 40CW | 23-Dec-03 | 02:10 | 10 | W9HL   | 559 | IL | RANDY  | 5W    |
| 40CW | 23-Dec-03 | 02:11 | 11 | N5ZI   | 579 | TX | LEW    | 5W    |
| 40CW | 23-Dec-03 | 02:12 | 12 | AC5JH  | 559 | OK | TOM    | 5W    |
| 40CW | 23-Dec-03 | 02:13 | 13 | N9AW   | 559 | WI | JERRY  | 5W    |
| 40CW | 23-Dec-03 | 02:13 | 14 | N1FN   | 559 | CO | ET     | 5W    |
| 40CW | 23-Dec-03 | 02:14 | 15 | W9XT   | 559 | WI | GARY   | 5W    |
| 40CW | 23-Dec-03 | 02:15 | 16 | NK9G   | 559 | WI | RICK   | 5W    |
| 40CW | 23-Dec-03 | 02:16 | 17 | WA9TZE | 599 | WI | JIM    | 5W    |
| 40CW | 23-Dec-03 | 02:17 | 18 | KK5LD  | 559 | TX | DAN    | 5W    |
| 40CW | 23-Dec-03 | 02:18 | 19 | N0TK   | 559 | CO | DAN    | 5W    |
| 40CW | 23-Dec-03 | 02:19 | 20 | N4DD   | 559 | TN | DENNIS | 5W    |
| 40CW | 23-Dec-03 | 02:20 | 21 | K5JUC  | 559 | AR | JIM    | 100W  |
| 40CW | 23-Dec-03 | 02:23 | 22 | K6XR   | 559 | CA | REG    | 5W    |
| 40CW | 23-Dec-03 | 02:25 | 23 | K4BYF  | 559 | FL | JACK   | 4W    |
| 40CW | 23-Dec-03 | 02:26 | 24 | K5E0A  | 559 | LA | WAYNE  | 5W    |
| 40CW | 23-Dec-03 | 02:27 | 25 | AJ4AY  | 559 | AL | JAY    | 5W    |
| 40CW | 23-Dec-03 | 02:27 | 26 | W9XU   | 559 | WI | LON    | 5W    |
| 40CW | 23-Dec-03 | 02:30 | 27 | W5JAY  | 559 | AR | JAY    | 1W    |
| 40CW | 23-Dec-03 | 02:30 | 28 | K6VNX  | 559 | CA | AREN   | 5W    |
| 40CW | 23-Dec-03 | 02:31 | 29 | K0PC/5 | 559 | AR | PAT    | 5W    |
| 40CW | 23-Dec-03 | 02:32 | 30 | AB9CA  | 559 | AL | DAVE   | 5W    |
| 40CW | 23-Dec-03 | 02:33 | 31 | K5DW   | 559 | TX | DON    | 5W    |
| 40CW | 23-Dec-03 | 02:34 | 32 | KJ0C   | 559 | MO | JIM    | 5W    |
| 40CW | 23-Dec-03 | 02:35 | 33 | AA50   | 559 | LA | VERN   | 5W    |
| 40CW | 23-Dec-03 | 02:37 | 34 | W5YR   | 559 | TX | GEORGE | 5W    |
| 40CW | 23-Dec-03 | 02:37 | 35 | W9DU   | 589 | WI | UKE    | 75W   |
| 40CW | 23-Dec-03 | 02:38 | 36 | W5USJ  | 559 | TX | CHUCK  | 5W    |
| 40CW | 23-Dec-03 | 02:42 | 37 | KQ5U   | 559 | TX | TERRY  | 5W    |
| 40CW | 23-Dec-03 | 02:43 | 38 | K5JHP  | 559 | TX | BILL   | 5W    |
| 40CW | 23-Dec-03 | 02:44 | 39 | W0ANM  | 559 | MN | CHRIS  | 5W    |
| 40CW | 23-Dec-03 | 02:45 | 40 | KT5V   | 559 | TX | DAVID  | 5W    |
| 40CW | 23-Dec-03 | 02:47 | 41 | N5IB   | 559 | LA | JIM    | 5W    |
| 40CW | 23-Dec-03 | 02:47 | 42 | KQ9L   | 559 | IL | RICH   | 5W    |
| 40CW | 23-Dec-03 | 02:48 | 43 | W4YN   | 559 | TX | TIM    | NC 5W |

|      |           |       |    |         |     |    |        |    |
|------|-----------|-------|----|---------|-----|----|--------|----|
| 40CW | 23-Dec-03 | 02:50 | 44 | AA7EQ   | 559 | AZ | BOB    | 5W |
| 40CW | 23-Dec-03 | 02:51 | 45 | N5ZE    | 559 | TX | LEW    | 5W |
| 40CW | 23-Dec-03 | 02:53 | 46 | VA6RF   | 449 | AB | EARL   | 5W |
| 40CW | 23-Dec-03 | 02:55 | 47 | N1TP    | 559 | FL | TOM    | 5W |
| 40CW | 23-Dec-03 | 02:58 | 48 | W0CH    | 559 | MO | DAVE   | 5W |
| 40CW | 23-Dec-03 | 02:59 | 49 | AG4PJ   | 559 | AL | DAVE   | 5W |
| 40CW | 23-Dec-03 | 03:02 | 50 | KD5UDB  | 559 | LA | CHRIS  | 5W |
| 40CW | 23-Dec-03 | 03:03 | 51 | K4GT    | 559 | GA | JIM    | 5W |
| 40CW | 23-Dec-03 | 03:04 | 52 | K5TR    | 579 | TX | GEORGE | 5W |
| 40CW | 23-Dec-03 | 03:08 | 53 | AK7Y    | 559 | AZ | GREG   | 5W |
| 40CW | 23-Dec-03 | 03:10 | 54 | K5DI    | 559 | NM | CARL   | 5W |
| 40CW | 23-Dec-03 | 03:12 | 55 | N9KW    | 559 | IL | JOHN   | 5W |
| 40CW | 23-Dec-03 | 03:13 | 56 | KR0U    | 559 | CO | TIM    | 5W |
| 40CW | 23-Dec-03 | 03:16 | 57 | KI0II/M | 559 | NE | RON    | 5W |
| 40CW | 23-Dec-03 | 03:32 | 58 | W0LOA   | 559 | TX | DWAYNE | 5W |
| 40CW | 23-Dec-03 | 03:36 | 59 | AF4LQ   | 559 | KY | MIKE   | 5W |
| 40CW | 23-Dec-03 | 03:37 | 60 | W0UFO   | 559 | MN | MERT   | 5W |
| 40CW | 23-Dec-03 | 03:40 | 61 | KC5LD   | 559 | TX | NOONE  | 5W |
| 40CW | 23-Dec-03 | 03:41 | 62 | N0AR    | 559 | MN | SCOTT  | 5W |
| 40CW | 23-Dec-03 | 03:57 | 63 | NN5E    | 449 | TX | VERN   | 5W |
| 40CW | 23-Dec-03 | 04:00 | 64 | K2Q0    | 599 | NY | FOX    | 5W |

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Date: Mon, 29 Dec 2003 18:22:27 -0600  
 From: "Jim Sheldon" <w0eb@cox.net>  
 To: "QRP-L Mailing List" <qrp-l@Lehigh.EDU>,  
 "Flying Pigs Mailing List" <fpqrp-l@mpna.com>  
 Subject: [164063] Morse Express "Millenium Key" for sale  
 Message-ID: <IBEGLCMLCDHHEFLBPHBOAENNCPPAA.w0eb@cox.net>  
 MIME-Version: 1.0  
 Content-Type: text/plain;  
 charset="iso-8859-1"  
 Content-Transfer-Encoding: 7bit

Anyone that missed out on the limited edition "Millenium Key" in the year 2000 from Morse Express(only 100 were made), here's your chance to pick up #77 out of 100. In presentation wood box - minor ding on top - red felt lined - Ebony wood base and knob, gold plated brass mechanism. Hand crafted by Llaves Telegraphicas Artesanas ("Telegraph Key Craftsmen") in the Balearic Islands of Spain exclusively for Marshall Emm's "Morse Express".

I have used this key quite a bit and it has a very nice crisp feel to it. It also looks nice sitting on the desk. An engraved, gold plated logo he Llaves Telegraphicas Artesanas is also fastened to the ebony base. The certificate attesting to the serial number and indicating that it is a "millennium key" is affixed to the underside of the base along with 3 small felt feet.

This is a nice hand-key for someone that appreciates fine craftsmanship.

\$110.00 postage paid in the US. Cash, cashier's check, money order or preferably PayPal. First phone call or email holds it until arrangements are made.

Jim - W0EB  
Wichita, KS

316-744-3022

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Date: Mon, 29 Dec 2003 20:33:32 -0600  
From: "Nick Kennedy" <wa5bdu@tcainternet.com>  
To: <k6whp@verizon.net>,  
      "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [164064] RE: [qrp-1] Re: Tenna Dipper Question  
Message-ID: <000401c3ce7d\$511f5e70\$0400000a@wa5bdu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I don't think so, because the dipper circuit doesn't really indicate resonance (regardless of LED or meter), it indicates a balanced bridge condition, meaning 50 ohms.

The first poster said suppose the connected antenna & TL gave 300 ohms (folded dipole), or 20 (mobile ant) ohms resistive at resonance. Under those conditions, the (50 ohm) bridge would be far from balanced. As you tuned (varied frequency) you would probably get a null, but not all the way to zero. At that point, the \*impedance\* of the unknown would I think, be approximately 50 ohms, but the reactive component would prevent the difference in voltage across the two center points of the bridge from equaling zero. This would be a "false" indication if taken to mean resonance.

72 & good question(s),

Nick, WA5BDU

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf



Of k6whp@verizon.net

To the respondents:

..I am wondering if, when building the TD, a meter were added/substituted for the LED indicator that the resulting dip might indicate the resonant frequency irrespective of the antenna impedance thus saving the effort of redoing the bridge circuit?

..wait, 300-ohms, well, perhaps not. But curious anyway.

72,

Bill, k6whp

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Date: Mon, 29 Dec 2003 19:53:51 -0500  
From: Brad Thompson <Brad.Thompson@VALLEY.NET>  
To: svholm2@broadpark.no,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [164065] Re: Balun core number system  
Message-ID: <5.0.2.1.2.20031229194956.0229b9c0@pop3.norton.antivirus>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:21 AM 12/30/2003 +0100, Sverre Holm wrote:

>Are there anyone out there that can help to interpret the numbering  
>system for the double-hole balun cores, such as  
>BN43-303, BN43-202, BN43-3312, BN43-2402

>

>I can understand the 43 to mean material type 43, but what is the  
>meaning of the rest of the designation?

>

>--

>73,

>Sverre

Hello--

You might want to check the Fair-Rite site ([www.fair-rite.com](http://www.fair-rite.com)) for dimensions of the 2402 cores.

BTW, I have the following cores FS:

Fair-Rite cores (all are type 43 mix);specs are available at Fair-Rite's web site or upon inquiry

2843002402 (binocular (balun) core) \$1.00 for 20 pieces

2743001112 (bead on wire leads) \$1.00 for 20 pieces

2743013211 (large bead on wire lead-- 0.375 in. dia. by 0.5 in. long) \$1.00 for 5 pieces

Details (or a copy of my components-FS list) are available on request.

73--

Brad AA1IP

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Date: Mon, 29 Dec 2003 21:04:50 -0600

From: "Nick Kennedy" <wa5bdu@tcainternet.com>

To: <w4foa@comcast.net>,

"'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>

Subject: [164066] RE: mini crystal for FT-243?

Message-ID: <000901c3ce81\$b0c6d6b0\$0400000a@wa5bdu>

MIME-Version: 1.0

Content-Type: text/plain;

charset="us-ascii"

Content-Transfer-Encoding: 7bit

I think the answer has been received that the little bitty crystals can't handle enough current.

Now--did I dream this, or did someone post a circuit a year or two ago to allow using the mini crystals to drive old tube rigs? I seem to recall it was a little amplifier and maybe it was posted by one of the designers on the list ... Mr. Fifield or Mr. Burdick maybe. But I sure can't find it any more.

To sort of answer the question though, this is probably the only reliable way of addressing the problem. I think you would make a little one or two stage transistor (or FET) oscillator that would have its output designed to work into several k-ohms.

72--Nick, WA5BDU

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf

Of Tony Martin W4FOA  
Sent: Sunday, December 28, 2003 8:24 AM  
To: Low Power Amateur Radio Discussion  
Subject: [qrp-l] Re: QRP-L digest 3147

Gang,

Please excuse me if this has been addressed before or if it falls into the "stupid" category. Will the AmQRP crystals shown in the ref website work in boatanchor rigs (like the Heath AT-1, Viking Adventurer, etc.)? If so, would it be possible to physically mount the entire AmQRP crystal in an empty FT-243 crystal holder which would make it more compatible with the BA stuff. Has anyone done this and if so, shed any tips on the process?

Thanks for reading..  
Tony, W4FOA

-----  
Date: Tue, 30 Dec 2003 06:06:37 -0700  
From: "Chris Trask" <chistrask@earthlink.net>  
To: <svholm2@broadpark.no>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [164067] Re: Balun core number system  
Message-ID: <002d01c3ced5\$c5e9dde0\$b5024bab@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

On Monday, December 29, 2003 Sverre Holm wrote:

>  
> Are there anyone out there that can help to interpret the numbering  
> system for the double-hole balun cores, such as  
> BN43-303, BN43-202, BN43-3312, BN43-2402  
>  
> I can understand the 43 to mean material type 43, but what is the  
> meaning of the rest of the designation?  
>

The last four numbers are the catalogue entry for the shape. You have to go to the catalogue or the web page for Fair-Rite:

<http://www.fair-rite.com/>

```

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    /   What's all this   \
   / extinct stuff, anyhow? \
  /-----'-----\
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```

Chris Trask / N7ZWY  
Principal Engineer  
Sonoran Radio Research  
P.O. Box 25240  
Tempe, Arizona 85285-5240

Email: [christrask@earthlink.net](mailto:christrask@earthlink.net)  
<http://www.home.earthlink.net/~christrask>

-----

That's a real bargain for the 2843002402.

```

      /-----\
     /           \
    /   What's all this   \
   / extinct stuff, anyhow? \
  /-----'-----\
 |//
-oo\
(--) \
      \       -   .   .
       \       /

```

Chris Trask / N7ZWY  
Principal Engineer  
Sonoran Radio Research  
P.O. Box 25240  
Tempe, Arizona 85285-5240

```

\  "      \
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| | | | \ '.
c__; c__; '-..'>._

```

IEEE Member #40274515

Email: [chistrask@earthlink.net](mailto:chistrask@earthlink.net)  
<http://www.home.earthlink.net/~chistrask>

Graphics by Loek Frederiks

----- Original Message -----

From: "Brad Thompson" <[Brad.Thompson@VALLEY.NET](mailto:Brad.Thompson@VALLEY.NET)>  
To: "Low Power Amateur Radio Discussion" <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Sent: Monday, December 29, 2003 5:53 PM  
Subject: Re: Balun core number system

```

> At 12:21 AM 12/30/2003 +0100, Sverre Holm wrote:
> >Are there anyone out there that can help to interpret the numbering
> >system for the double-hole balun cores, such as
> >BN43-303, BN43-202, BN43-3312, BN43-2402
> >
> >I can understand the 43 to mean material type 43, but what is the
> >meaning of the rest of the designation?
> >
> >--
> >73,
> >Sverre
>
> Hello--
> You might want to check the Fair-Rite site (www.fair-rite.com) for
dimensions
> of the 2402 cores.
>
>
> BTW, I have the following cores FS:
>
> Fair-Rite cores (all are type 43 mix);specs are available at Fair-Rite's
> web site or upon inquiry
> 2843002402 (binocular (balun) core) $1.00 for 20 pieces
> 2743001112 (bead on wire leads) $1.00 for 20 pieces
> 2743013211 (large bead on wire lead-- 0.375 in. dia. by 0.5 in.
> long) $1.00 for 5 pieces
>
>
> Details (or a copy of my components-FS list) are available on request.

```

>  
> 73--  
> Brad AA1IP  
>

-----  
Date: Mon, 29 Dec 2003 20:39:43 -0600  
From: "Nick Kennedy" <wa5bdu@tcainternet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [164069] FW: [qrp-1] Re: straight key before paddle  
Message-ID: <000501c3ce7e\$2e3f08f0\$0400000a@wa5bdu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hate to see our semi-annual discussion of how good you need to be with the key before venturing onto the air end in hard feelings. I personally haven't called anyone stupid or a whiner, and I don't think anyone else has either; not directly anyway.

Is there a "correct" answer? I don't think so. No doubt there are some who jump in without adequate skills. There are also others who are skilled enough (for beginners), but are still too terrified of making mistakes and embarrassing themselves to get on the air. The latter group is the larger one in my observation, and includes just about everyone's "first time on the air" story. Are there really hordes of new hams so eager to work CW that they are getting on and irritating everyone with their poor sending? I hadn't noticed, but I'd be almost willing to put up with the crummy fists if it were true. Not that I haven't heard some horrible Morse, but I think most of it is coming from seasoned Ops.

A comment on one of the side discussions on spacing:

Yesthisishardtoread ...

but, spacing is absolutely necessary in printed text. In spoken language, and in Morse, people naturally tend to eliminate most of the between-word spacing. I see nothing wrong with that, as long as intelligibility isn't reduced. Who wants to sound like a computer?

Taking the Bruce Challenge:

Now the fun part. I decided to take Bruce's five minute challenge, with

my own 24 WPM parameter thrown in. I'm using my new AZQRP W5JH paddle and the Super CMOS II and sending from the paddle's instruction sheet, timing myself until I make an error.

First try: 0:15  
2nd try: 1:10  
3rd try: 3:20

So I'm not ready to get on the air yet. But that was kind of fun. I'll have to try it again.

Excuses:

The paddle is moving around on the desk. I tried holding it with the left hand, but that got old. (Actually though, the little paddle is pretty stable for its size.)

I think loss of mental concentration or focus is the biggest source of errors for me. It's sure easier to send from printed text than from the head. It also helps to look ahead and "visualize" the text in dit-dah terms as opposed to a, b, c terms.

How do you send a dash (-)? I substituted the BT prosign, but I think that's for "=".

72,

Nick, WA5BDU

... feeling pretty good about ham radio and life in general, and endeavoring to engage in internet discussions and even disagreements without derision, name-calling, or cynicism.

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of John Sielke

Let's see, Bruce and I have been called "whiners" and now "stupid" for merely suggesting that folks practice CW a bit before getting on the air. Nobody said they expected perfect code. It is a goal to strive for, but I have not reached it yet, nor do I imagine Bruce has.

It is, to me, a sad commentary, not just on Ham Radio, but life in general,  
when the suggestion that one should attempt to do well, that is, the best one  
can do in any endeavor, is met with derision and name-calling.

John W2AGN

-----  
Date: Mon, 29 Dec 2003 20:15:37 -0500  
From: sergio <sergio@village-buzz.com>  
To: qrp-l@Lehigh.EDU  
Subject: [164070] progress update..  
Message-ID: <6.0.1.1.2.20031229201137.01b463b8@mail.neobright.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

my move went well.. but i will never move during christmas again..

i got a place to put my ham station up, and went to the hardware store today and bought 100' of #14 household wire. i got white hoping it would blend in with the sky. there are three great big trees on my property, and i will be tossing it through them in the morning..

i also got my workshop semi set up..

all i have to do is finish the main board of the k1, and i am done...

it looks like i missed the pic-el order round.. darnit..

i should be back on the air tomorrow!

----  
peace,  
...sergio  
photographer, journalist, visionary

www.village-buzz.com <- read my blog  
www.coffee-black.com <- my photography

-----  
Date: Mon, 29 Dec 2003 20:21:48 -0500



From: <bill@n4qa.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [164071] DSWMULTI..."Gee, Wally...I THOUGHT that was the 5-volt terminal of the regulator chip"... OR... MAXIMUM SMOKE from the bus switch :(  
Message-ID: <000d01c3ce73\$510d68a0\$1326ad80@f1n5n8>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

First, the good news...it's been replaced and the project is back on track...

On Saturday, I got the bright idea to power the Pericom PI5C3303TX bus switch from the DSW-20's 5-volt regulator instead of the 4-volt one. I'd have sworn I measured 5 volts on the leg of U7 nearest the center of the board...WRONG!  
You know, I think Pericom means it when they spec this part at 7 VDC max supply...cuz when I connected it to the 13.8 VDC line on the input leg of the regulator,  
bye bye bus switch! Cutest ( and most sickening) little puff of smoke I ever saw. Anyway, got some more experience de-soldering and soldering the little surface-mount devices from/to those nifty little surfboards...

Today, made six RTTY(total of 27 thus far) and two CW contacts using the DSWMULTI project. I'm off work 'til next Monday...  
Twenty was in pretty good shape and we had excellent copy...both modes...both ends.

So, I'm not having to use a manually-moved hardware jumper anymore when switching modes or switching from xmit to rcv in RTTY mode.  
Now doing this with virtual controls from within the MMTTY and DSWMULTI windows.  
Still a good ways to go with the development of the DSWMULTI software to enable a more automatic operating capability...especially on the RTTY side of things.  
The goal is to operate RTTY solely from within the MMTTY window ( once operating freq and mode have been set from within the DSWMULTI window).  
Have a couple crucial routines remaining to be hammered out...one of them, an interrupt handler(ugh).  
Problem is, I'm getting such a kick out of operating DSWMULTI in its semi-automatic form that it's hard to tear myself away.  
RTTY...I never imagined...

73.  
Bill, N4QA  
<http://www.n4qa.com>

-----  
Date: Mon, 29 Dec 2003 20:31:38 -0500  
From: "Michael Bower N4NMR" <bowerm@ix.netcom.com>  
To: "Qrp-L" <qrp-l@lehigh.edu>  
Subject: [164072] FS:QRP Quarterlies  
Message-ID: <ODE0IKLMAJFGCNMOGAGIIEFFFAA.bowerm@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have the following QRP Quarterlies that are extras to me. Most I bought but some were given to me. So I'll compromise on the prices (see below):

I have:

1998

January  
April  
July  
October

1999

April  
July  
October

2000

January  
July

2002

July

2003

Winter

Price is \$3.50 including US shipping. If you buy several there might be a price break on shipping but won't know until I ship them.

Same as the previous sale: I'll take cash, check, MO, PayPal  
(bowerm@ix.netcom.com), first born (only if you are paying room and board  
and college expenses)

I'll go by e-mail date when you notify me if there are several people wanted  
a particular issue.

Michael Bower N4NMR  
43304 Wayside Circle  
Ashburn, VA 20147-4621

-----  
Date: Mon, 29 Dec 2003 20:34:28 -0500  
From: <bill@n4qa.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [164073] RE: mini crystal for FT-243?  
Message-ID: <001101c3ce75\$12063cc0\$1326ad80@f1n5n8>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

And, don't forget xtals in those lovely FT-171B holders...you know...from  
the BC-610 transmitter days...they'll work...and not drift...in almost  
anything.

I have a few and adapt them as necessary for the Meissner Signal  
Shifter...the T-60...the DX-20 etc.

73.  
Bill, N4QA  
<http://www.n4qa.com>

-----  
Date: Mon, 29 Dec 2003 17:35:25 PST  
From: KEN BROWN <qrpers@juno.com>  
To: qrp-1@Lehigh.edu  
Subject: [164074] St. Louis Loop  
Message-ID: <20031230.203120.3919.2.QRPers@juno.com>

Perhaps contact Walter, AG5P for info:  
-found in QRPp magazine Spring 1998, p. 26-27

by Walter Dufrain, AG5P  
340 Hwy WW  
Wright City, MO 63390  
walter@inlink.com

Also Dave Gauding aided or consulted on the project.

KEN BROWN N4SO  
MOBILE, AL EM50tk  
QRPers@juno.com

-----  
The best thing to hit the internet in years - Juno SpeedBand!  
Surf the web up to FIVE TIMES FASTER!  
Only \$14.95/ month - visit [www.juno.com](http://www.juno.com) to sign up today!

-----  
Date: Mon, 29 Dec 2003 21:13:52 -0500  
From: <bill@n4qa.com>  
To: <qrp-1@lehigh.edu>  
Subject: [164075] Dustin' off the gear for SKN...  
Message-ID: <001d01c3ce7a\$92f0ea60\$1326ad80@f1n5n8>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I'm going to shelve the DSWMULTI project for a few days.

Just fired up the Meissner Signal Shifter, model EX on 80...no antenna...but  
the rig doesn't even care. Sounds mighty sweet in the IC-703 monitor  
receiver...

And, that marvelous green tuning-eye tube winking at me so delightfully!  
Lionel J-38 straight key feels GOOD in my hands!  
Tomorrow, I'll go out to the antenna tuner and tune up the wahh for 80-meter  
operation.

So, I'll be there for SKN with the Sig Shifter on...let's see...that 1781 KC  
xtal puts me on...3562 Kcs...listen for me there, y'all!

Gotta hook up that 6:1 balun 'twixt the rig's 300-ohm balanced output  
terminals(ah, those beautiful ceramic feed-thru insulators) and the 50-ohm  
coaxial transmission line...

Will use the Drake 2-C receiver...Lafayette HA-350 rcvr as backup...

Must round up the Heathkit antenna (t/r) switch...

This is gonna be great! YEEHAW!

dididit dawdidaw daw dit!

73.  
Bill, N4QA  
<http://www.n4qa.com>

-----  
Date: Mon, 29 Dec 2003 22:20:55 -0600  
From: "Nick Kennedy" <wa5bdu@tcainternet.com>  
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>  
Subject: [164076] RE: mini crystal for FT-243?  
Message-ID: <000e01c3ce8c\$518156c0\$0400000a@wa5bdu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="us-ascii"  
Content-Transfer-Encoding: 7bit

OK, answering my own question. It's by Wayne, NB6M. A little more complex than I remembered but still a good way to solve that FT-243 problem and keep those boatanchors going.

<<http://www.norcalqrp.com/nb6m/tubevx0/nb6mvxo.htm>>

72-Nick, WA5BDU

-----Original Message-----  
From: Nick Kennedy [mailto:wa5bdu@tcainternet.com]

Now--did I dream this, or did someone post a circuit a year or two ago to allow using the mini crystals to drive old tube rigs? I seem to recall it was a little amplifier and maybe it was posted by one of the designers on the list ... Mr. Fifield or Mr. Burdick maybe. But I sure can't find it any more.

-----  
Date: Mon, 29 Dec 2003 18:37:54 -0800  
From: "Rich Johnson" <rjohnson390@comcast.net>  
To: <WJuergens@t-online.de>,  
      "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [164077] Re: Wow  
Message-ID: <001e01c3ce7d\$ed96e930\$7b48e40c@END0EB86CD98A1>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Do any of these sound card spectrum analysis programs use stereo input to process In-phase and Quadrature audio channels?

cheers,  
rich

----- Original Message -----

From: "Wolf-Ruediger Juergens" <WJuergens@t-online.de>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Monday, December 29, 2003 12:07 AM  
Subject: Re: Wow

> Rob Matherly wrote:  
>  
> > Anyone know of any other neat (and FREE!!) audio analysis programs I  
> > would find useful?  
>  
> I'm using the very powerfull Spectrum Lab from Wolf, DL4YHF.  
> <<http://www.qsl.net/dl4yhf/spectra1.html>>  
>  
> You may find Spectran also useful.  
> <<http://www.qsl.net/padan/spectran.html>>  
>  
> 72 Wolf, DL2WRJ  
> --  
> <http://www.dl2wrj.de> - CW - Hellschreiber - QRP - QRPP  
>  
>

-----  
Date: Mon, 29 Dec 2003 21:52:26 -0500  
From: "Brent Sutphin WB4X" <bsutphin@triad.rr.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [164078] Antenna's  
Message-ID: <006301c3ce7f5f59b7400\$9e6d1f18@BandE>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

A few months ago I asked a few questions here on the list concerning vertical antenna's. I got a lot of good advice. After working all states QRP and I just picked up my 100th country (SV9CVY, Island of Crete) using my K2. I am going to call my Hustler 6BTV trapped vertical antenna a success. I don't think you could ask for any better multi band antenna. But I'm going to try something new. I just got the aluminum tubing to build myself a full quarter wave vertical on 40 meters. I plan to use the antenna on 10-40 meters. All the details have not been worked out yet. I would like to feed the antenna with open wire feeders to a balun and tune it with the K2's built in tuner. I experimented with this set up last summer and it seemed to work well. I was tuning a 1/2 wave vertical on 15 meters (22ft tall) fed with 300 ohm TV twin lead. Only an eight foot ground rod, no radials. I was able to get a 1-1 match on 10-20 meters. I took the afternoon sitting out on the deck with the K2 and a battery and worked many stations. Anybody here ever experimented with this type antenna? Any thoughts?

73

Brent WB4X

-----  
Date: Mon, 29 Dec 2003 21:12:19 -0600  
From: "Jim Sheldon" <w0eb@cox.net>  
To: "Flying Pigs Mailing List" <fpqrp-l@mpna.com>,  
"QRP-L Mailing List" <qrp-l@Lehigh.EDU>  
Subject: [164079] Millennium Key Spoken For  
Message-ID: <IBEGLCMLCDHHEFLBPHBOEENPCPAA.w0eb@cox.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys the Millennium Key has been spoken for.

Jim - W0EB

-----  
Date: Mon, 29 Dec 2003 20:18:47 -0700  
From: "Ron KU7Y" <ku7y@tds.net>  
To: <nkennedy@tcainternet.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [164080] Re: [qrp-l] Re: straight key before paddle  
Message-ID: <009101c3ce83\$a89e7360\$23910b45@ku7y>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Nick & All,

> It also helps to look ahead and "visualize" the text in dit-dah  
> terms as opposed to a, b, c terms.

I think that having to think in dit-dah terms would be a real killer of smooth CW.

I find that very often I will be sending something when my mind drifts off onto another subject. Then I realize that I'm still sending some CW but don't have a clue as to what I am sending and have to listen to myself to find out!

It's not quite that drastic but you get the idea. After hearing some letters or words the subject will pop back into my mind. I think it's just relaxing enough to let the sub-conscious mind do the sending.

When I was in the Army I could copy 5 letter code groups via the old manual mills without any errors at 20 to 30+ wpm and read a book or carry on a conversation at the same time. The CW just came in the ears and out the fingers. I would have no idea what was being sent. I did the same with plain text too but we didn't copy much of that. Ahhhhhhh, to be that young again!

If there is a secret to CW I think it must be to RELAX. If you are having to think about any of it you are not relaxed enough yet. How do you learn how to relax with CW? Easy..... just spend more time doing CW. Both on the air and off the air. And always at a speed just a little faster than you can copy 100%.

OK, back in my hole.....

Ron, KU7Y  
ku7y@qsl.net

-----  
Date: Mon, 29 Dec 2003 21:52:29 -0600  
From: kd5kxf <kd5kxf@classicnet.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [164081] calling all foxes  
Message-ID: <200312292152.29858.kd5kxf@classicnet.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="us-ascii"  
Content-Transfer-Encoding: 7bit



Content-Disposition: inline

KD5KXF here, is there any fox that can exchange slots with me? I am to be the fox tomorrow and emailed Doc with my dilemma...I came home from holidays with a downed antler and roof damage. I will not have any daylight hours to fix this. I haven't heard from Doc so I thought I better put this out on the reflector.

--

Mike Malone  
KD5KXF  
Balch Springs, Texas  
FP 214

-----  
Date: Mon, 29 Dec 2003 22:21:36 -0500 (EST)  
From: ham@w3eax.umd.edu  
To: Richard Lim <richlim11@yahoo.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [164082] Re: Morse HELL (of sorts)  
Message-ID: <Pine.LNX.4.44.0312292219530.16975-100000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I used to have a tree outside my window in which birds would nest. All day, all night, just the same old thing:

H00 H00 H00      H00 H00 H00      H00 H00 H00

or, translated...

"...0   0   0   0..."

nothing but a continuous string of the letter 0, over and over and over.

tt Rosenfeld   ARS N7JI  
541-684-9970   Eugene, OR   Land o' much rain  
If you find me on the air, I'm probably in my car  
ham@w3eax.umd.edu   <http://w3eax.umd.edu/~ham>

On Fri, 26 Dec 2003, Richard Lim wrote:

> I always thought that being able to copy the code was a blessing until  
> this Christmas.....  
>  
> Some "evil" person thought it would be a great gift to give my aging

> mother a keychain which "beeps" to help you locate your keys. Well let  
> me tell you the hearing "46 46 46" in morse code over and over and over  
> is anything but pleasant to the ears!! Unfortunately, I can't change  
> the sensitivity of the keychain nor can I change the message. I now  
> know what the Vestibule of Dante's Inferno is all about LOL LOL!!!!  
>  
> Merry Christmas and God Bless all!!  
>  
> Rich  
>  
> -----  
> 72/73 DE KQ9L K1 #1669, K2 #3232  
> KX1 #21, FIST 10193, FP 548,  
> QRP ARCI 11129  
>  
>

-----  
Date: Mon, 29 Dec 2003 22:37:44 -0700  
From: "Ron KU7Y" <ku7y@tds.net>  
To: <bsutphin@triad.rr.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [164083] Re: Antenna's  
Message-ID: <001801c3ce97\$11e7e6e0\$11910b45@ku7y>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Brent & All,

I had a 24' piece of 1 1/2' aluminum tubing. I fastened that to a 2x4. The bottom of the 2x4 was bolted to a 4x4 that was planted in the ground about 3'. I raised the antenna by just walking it up letting it pivot on the bottom bolt. When it was vertical I screwed the 2x4 to the 4x4 up near the top of the 4x4.

I put out about 40 radials which I just stepped off guessing at about 35'. I did not cut either the far ends or the near ends. All the near ends were tied to the coax shield (with wire nuts of course!) while the center conductor was connected to the pipe using washers, conductive paste and a sheet metal screw.

The coax was CATV drop line, 75 or so Ohms, about 300' long. It was just lying on the ground. Inside the shack I connected that line to a piece of nice, flexible RG8 that was about 3' long.

That connected to the TS930AT that I had at the time. The internal antenna tuner matched things up and I operated 40-10 with it. Best DX was catching

VK0IR on 40m one morning. This was from Washoe Valley, NV. Not many western stations got them on the lower bands so I felt that I was very lucky. Hard to describe that pile up. Big isn't really the word!!!

I also played around as a Fox with that setup using the 930 at 5w.

But..... I replaced it with a Force 12 C3SXL/H on top of 80' of Rohn tower. With that yagi I had 2 elements on 40m and it got better as you went up. There is just no way to even imagine the difference. You really do have to operate with a good antenna for awhile to understand why people will work so hard to get one up!

Selling all that and going with a little High Sierra vertical is very hard to do. Just using the FT-100 instead of the FT-1000MP was hard to do! That good radio is just sitting in a closet up in Boise!!! :-( Most of the antennas and towers are now in CT on a hillside just waiting for me to come visit them..... one of these days I'll do just that!

Mediocrity is so hard to accept whether it's my antennas or operating skills! Both have suffered far too much the past 4 years.

Now that we are heading back to Reno for a while I may get a chance to play in some contests from a good station. That will help get my CW back into shape!

Lets see now..... maybe we could require everyone to score something like 150 QSOs in one of the NCJ sprints using QRP before they could rag chew..... :-)  
(If you think you really know CW and how to use your station, just try hitting 200 Q's in one of the two sprints each year..... check the ARRL page or most any other contest source for the dates and rules. This is the one where you MUST QSY after every CQ contact.)

OK, that should keep the list cops busy for awhile..... :-)

Back in my hole.....

Ron, KU7Y  
ku7y@qsl.net

-----

Date: Tue, 30 Dec 2003 08:17:05 +0100  
From: WJuergens@t-online.de (Wolf-Ruediger Juergens)  
To: <rjohnson390@comcast.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [164084] Re: Wow  
Message-ID: <007f01c3cea4\$ee20ef00\$0100a8c0@homepc>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I never tried it but by self but with Spectrum Lab you can do this.

72 Wolf, DL2WRJ

Rich Johnson wrote:

> Do any of these sound card spectrum analysis programs us stereo input  
> to process In-phase and Quadrature audio channels?

>

> cheers,

> rich

>

--

<http://www.dl2wrj.de> - CW - Hellschreiber - QRP - QRPP

-----

Date: Mon, 29 Dec 2003 21:56:21 -0500  
From: Peter Burbank <peterlee@qx.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [164085] Re: Dustin' off the gear for SKN...  
Message-ID: <5.2.0.9.0.20031229214718.00a13ec0@mail.qx.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:13 PM 12/29/2003, bill@n4qa.com wrote:

>I'm going to shelve the DSWMULTI project for a few days.

>

>Just fired up the Meissner Signal Shifter, model EX on 80...no antenna...but

>the rig doesn't even care. Sounds mighty sweet in the IC-703 monitor

>receiver...

>And, that marvelous green tuning-eye tube winking at me so delightfully!

>Lionel J-38 straight key feels GOOD in my hands!

Bill,

You might want to leave the Signal Drifter on for the next couple days so  
it can settle down. :-) :-)

I had one about 30 years ago.

I'm trying to remember what the tuning eye was for. To zero against a crystal?

73

Hope to CU on SKN.

Pete NV4V

-----  
Date: Tue, 30 Dec 2003 04:12:05 -0500  
From: Peter Burbank <peterlee@qx.net>  
To: qrp-1@lehigh.edu  
Subject: [164086] Re pwr connectors  
Message-ID: <5.2.0.9.0.20031230040944.00a3d2b0@mail.qx.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

TNX to all who replied. Connectors drive me nuts!  
72/3  
Pete NV4V

-----  
Date: Tue, 30 Dec 2003 06:11:53 -0800 (PST)  
From: Shawn Upton <kb1cktt@yahoo.com>  
To: qrp-1@lehigh.edu  
Subject: [164087] OT: Car RFI on 2m  
Message-ID: <20031230141153.89117.qmail@web60402.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

In my car (2000 Saturn SL), I have a 2m radio. It has been relatively good RFI so far, but now, I have two "new" noise sources:

The rear defroster, when turned on, is creating noise--probably a bad connection. but, there is something that is cycling off and on, about every 15-20 seconds, giving usually 3 0.5 second bursts of noise (but sometimes only 2). I'm starting to think the two are related somehow, probably a bad ground.

Any ideas where to go? Thanks.

KB1CKT  
Shawn

-----  
Do you Yahoo!?

Protect your identity with Yahoo! Mail AddressGuard  
<http://antispam.yahoo.com/whatsnewfree>

-----  
Date: Tue, 30 Dec 2003 07:03:05 -0600  
From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "qrp-l" <qrp-l@lehigh.edu>, "FPigs" <fpqrp-l@mpna.com>  
Subject: [164088] Here Little Piggies  
Message-ID: <003001c3ced5\$447ceea0\$4a78da0c@mchsi.com>

Hey all you folks in the piggie pen. I've got the day off and figured I may as well give ole LL a run for his money. LOL He's back in first in the WAP's and I hate to let him pull it out without having to work for it. Anybody around this morning that has a minute to stop by 7044?

I'll be listening there until about 1530z and then I'll jump to 15 or 20 depending on what the bands are doing. Any other piggies out there want to join me on freq so we can all work whoever drops by, just jump in there and say howdy and we'll take turns calling.

See you all there !!

72 es oo Jerry N0JRN

FP # 546, 4SQRP, ARS # 923, ARCI # 11049, ARRL,  
Springfield, Mo. MP + #8  
<http://home.mchsi.com/~n0jrn>

-----  
Date: Tue, 30 Dec 2003 12:44:06 +0100  
From: "Sverre Holm" <svholm2@broadpark.no>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [164089] RE: balun core numbering  
Message-ID: <000201c3ceca\$3b483750\$8e00a8c0@Master>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Thanks to all who replied. It appears that there is no simple relationship between the four last digits of the binocular core number and the size, as there is for the toroids, see quote from mail from DF7TV below:

> From: df7tv@web.de  
> It seems not to be a direct relation as it is with  
> torodial cores where this part is the outer diameter in  
> inches multiplied by 100. For example a T43-50 will have  
> an outer diameter of 12.7mm.  
>

Happy New Year & 73,

Sverre

-----  
Sverre Holm, LA3ZA  
[www.qsl.net/la3za](http://www.qsl.net/la3za)

-----  
Date: Tue, 30 Dec 2003 10:07:40 -0500 (EST)  
From: "Thom R. Lacosta" <[lacosta@bcpl.net](mailto:lacosta@bcpl.net)>  
To: Low Power Amateur Radio Discussion <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Subject: [164090] Art of Telegraphy  
Message-ID: <[Pine.GS0.4.58.0312301006490.28276@mail](mailto:Pine.GS0.4.58.0312301006490.28276@mail)>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone have tyhe link to the pdf file of "The Art of Telegraphy"?

Thanks

Thom

<http://www.baltimorehon.com/> Home of the Baltimore Lexicon  
<http://www.tlchost.net/> Web Hosting as low as 3.49/month

-----  
Date: Tue, 30 Dec 2003 06:22:20 -0500 (Eastern Standard Time)  
From: "Pastor-kc1di" <[elbc2@gwi.net](mailto:elbc2@gwi.net)>  
To: <[bsutphin@triad.rr.com](mailto:bsutphin@triad.rr.com)>,  
"Low Power Amateur Radio Discussion" <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Subject: [164091] Re: Antenna's  
Message-ID: <[3FF15FEC.000000A.02940@DOR](mailto:3FF15FEC.000000A.02940@DOR)>  
MIME-Version: 1.0  
Content-Type: Text/Plain  
Content-Transfer-Encoding: quoted-printable

Hi Brent,=0D

=0D

Used a Similar set up here for awhile.. It worked quite well, I had a 25=ft

Aluminium pipe which was up about 15 ft. and six 26 ft radial wires fed w=ith

300 ohm line to a tuner. work all bands 80 through 10 with it . it work=ed

really well on 40 , 30 and 15m A little trick while running about 1 watt=to

the antenna use a # 47 bulb in series with the antenna and radial system, trim the radials until the brilliance of both bulbs is about the same.. th=is

will insure good balance on the twin lead. Of course if you have 2 RF am=p

meters you could do the same thing. =0D

73 Dave HPY New Year,=0D

Kc1di =0D

=0D

=0D

-----Original Message-----=0D

=0D

From: bsutphin@triad.rr.com=0D

Date: Monday, December 29, 2003 22:39:00=0D

To: Low Power Amateur Radio Discussion=0D

Subject: Antenna's=0D

=0D

A few months ago I asked a few questions here on the list concerning=0D vertical antenna's. I got a lot of good advice. After working all states=0D QRP and I just picked up my 100th country (SV9CVY, Island of Crete) using= my=0D

K2. I am going to call my Hustler 6BTV trapped vertical antenna a success= =2E=0D

I don't think you could ask for any better multi band antenna. But I'm=0D going to try something new. I just got the aluminum tubing to build mysel=f=0D

a full quarter wave vertical on 40 meters. I plan to use the antenna on=0D 10-40 meters. All the details have not been worked out yet. I would like=0D to feed the antenna with open wire feeders to a balun and tune it with th=e=0D

K2's built in tuner. I experimented with this set up last summer and it=0D seemed to work well. I was tuning a 1/2 wave vertical on 15 meters (22ft=0D tall) fed with 300 ohm TV twin lead. Only an eight foot ground rod, no=0D radials. I was able to get a 1-1 match on 10-20 meters. I took the=0D afternoon sitting out on the deck with the K2 and a battery and worked ma=ny=0D

stations. Anybody here ever experimented with this type antenna? Any=0D



thoughts?=0D  
=0D  
73=0D  
Brent WB4X=0D  
=0D  
=0D  
=0D  
=2E

-----  
Date: Tue, 30 Dec 2003 05:06:56 -0600  
From: "Tony Martin W4FOA" <w4foa@comcast.net>  
To: <nkennedy@tcainternet.com>,  
    "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>  
Subject: [164092] Re: mini crystal for FT-243?  
Message-ID: <000401c3cec5\$09e9eaf0\$6401a8c0@Delldude>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Nick and All,  
Thanks for the MANY kind responses.  
In general, most thought the idea would work in some BA rigs (in fact, it has and does work in certain BA rigs), but it was hkghly likely that the higher voltage and current present in BA rigs would damage and/or destroy the smaller crystals designed for much lower E/I.

There was one suggestion to put a #47 pilot lamp in the crystal circuit and another suggested using a resistor in line. In light of many other projects (including renovating my shack), I will ponder the idea a bit longer. Procrastination is one of my natural callings!!

Again, I really appreciate all of the responses and the thought and time involved in formulating those replies. A great group...God Bless and may you and your families have a Happy and Healthy New Year.

See you on the bands. 72

Tony, W4FOA

----- Original Message -----  
From: "Nick Kennedy" <wa5bdu@tcainternet.com>  
To: <w4foa@comcast.net>; "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Sent: Monday, December 29, 2003 9:04 PM  
Subject: RE: mini crystal for FT-243?

> I think the answer has been received that the little bitty crystals  
> can't handle enough current.  
>  
> Now--did I dream this, or did someone post a circuit a year or two ago  
> to allow using the mini crystals to drive old tube rigs? I seem to  
> recall it was a little amplifier and maybe it was posted by one of the  
> designers on the list ... Mr. Fifield or Mr. Burdick maybe. But I sure  
> can't find it any more.  
>  
> To sort of answer the question though, this is probably the only  
> reliable way of addressing the problem. I think you would make a little  
> one or two stage transistor (or FET) oscillator that would have its  
> output designed to work into several k-ohms.  
>  
>  
> 72--Nick, WA5BDU  
>  
>  
> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf  
> Of Tony Martin W4FOA  
> Sent: Sunday, December 28, 2003 8:24 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: [qrp-1] Re: QRP-L digest 3147  
>  
>  
> Gang,  
> Please excuse me if this has been addressed before or if it falls into  
> the "stupid" category. Will the AmQRP crystals shown in the ref website  
> work in boatanchor rigs (like the Heath AT-1, Viking Adventurer, etc.)?  
> If so, would it be possible to physically mount the entire AmQRP crystal  
> in an empty FT-243 crystal holder which would make it more compatible  
> with the BA stuff. Has anyone done this and if so, shed any tips on the  
> process?  
>  
> Thanks for reading..  
> Tony, W4FOA  
>

-----  
Date: Tue, 30 Dec 2003 10:33:54 -0500  
From: "Brad Hedges" <bhedges@nc.rr.com>  
To: <lacosta@bcpl.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [164093] Re: Art of Telegraphy  
Message-ID: <006501c3ceea\$55fcb600\$8fc43942@nc.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

At the FISTS page:

<http://www.qsl.net/n9bor/images/The%20Art%20&%20Skill%20of%20Radio-Telegraphy%203rd%20edition%204-02.pdf>

Brad

----- Original Message -----

From: "Thom R. Lacosta" <lacosta@bcpl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Tuesday, December 30, 2003 10:07 AM  
Subject: Art of Telegraphy

> Anyone have tyhe link to the pdf file of "The Art of Telegraphy"?

>

> Thanks

>

> Thom

>

> <http://www.baltimorehon.com/> Home of the Baltimore Lexicon

> <http://www.tlchost.net/> Web Hosting as low as 3.49/month

-----  
Date: Tue, 30 Dec 2003 09:38:52 -0600  
From: "J. Michael Thurman" <jmthurman@centurytel.net>  
To: <lacosta@bcpl.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [164094] RE: Art of Telegraphy  
Message-ID: <LFEDLPKPGGKLEMOMICIBGEFPCOAA.jmthurman@centurytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thom,

Here's one link: <http://www.qsl.net/n9bor/n0hff.htm>

Enjoy.

73 & 00,  
Michael  
WN5T  
FP#566

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of  
Thom R. Lacosta  
Sent: Tuesday, December 30, 2003 9:08 AM  
To: Low Power Amateur Radio Discussion  
Subject: Art of Telegraphy

Anyone have tyhe link to the pdf file of "The Art of Telegraphy"?

Thanks

Thom

<http://www.baltimorehon.com/>  
<http://www.tlchost.net/>

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-----  
Date: Tue, 30 Dec 2003 10:52:36 -0500  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [164095] RE: [qrp-1] Re: straight key before paddle  
Message-ID: <721D3436A7C2B344A301FD4A413C71A9017358A8@kosh.arrlhq.org>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hard feelings over someone wanting to operate CW? My gosh, I can hardly =  
imagine anything worse for CW than that! Of course people will do the =  
best they can do; in life, nearly everyone does, in nearly everything =  
they do, if you really think about it.

Let's all extend an offer to those that may not feel that they are "good =  
enough" to get on the air and have fun with CW and say that we will work =  
you no matter what you (or a few others) think of your sending. I am =

pretty good at deciphering manually sent code and if your timing is not =  
all that good, don't worry; I will spend 10% of the effort you are =  
spending to send it and get your name and callsign just fine. I will =  
appreciate that you are putting in an effort to improve your skills, =  
just as I continue to do throughout my entire ham-radio lifetime =  
experience. Ham radio is not a graduation certificate; it is an =  
entrance exam and you can spend your entire life "practicing" different =  
things on the air! How about we all agree that getting folks on and =  
using Morse code is more important to the mode than getting them on and =  
being really good at it. I was pretty shaky when I first started out, =  
and I improved with time!

I will start off sending pretty good on New Year's Eve, but I expect =  
that after a few hours, things will go downhill pretty fast. On a bug, =  
I can usually go about 20 seconds before making a mistake, no matter =  
what the list of excuses might be. I will hang in there until I wonder =  
whether my sending has become bad enough that my ID may not be legal =  
because it can't be deciphered by anyone. =20

I usually send manually at about 15 wpm, so if you hear me and want me =  
to slow down a bit, just come back to me at any speed. And, above all, =  
have fun!

73,=20

Ed Hare, W1RFI

> -----Original Message-----

> From: owner-qrp-l@Lehigh.EDU=20

> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of

> Nick Kennedy

> Sent: Monday, December 29, 2003 9:40 PM

> To: Low Power Amateur Radio Discussion

> Subject: FW: [qrp-l] Re: straight key before paddle

>=20

>=20

>=20

> Hate to see our semi-annual discussion of how good you need to be with  
> the key before venturing onto the air end in hard feelings. I  
> personally haven't called anyone stupid or a whiner, and I don't think  
> anyone else has either; not directly anyway.

>=20

> Is there a "correct" answer? I don't think so. No doubt=20

> there are some

> who jump in without adequate skills. There are also others who are  
> skilled enough (for beginners), but are still too terrified of making  
> mistakes and embarrassing themselves to get on the air. The latter  
> group is the larger one in my observation, and includes just about

> everyone's "first time on the air" story. Are there really hordes of  
> new hams so eager to work CW that they are getting on and irritating  
> everyone with their poor sending? I hadn't noticed, but I'd be almost  
> willing to put up with the crummy fists if it were true. Not that I  
> haven't heard some horrible Morse, but I think most of it is=20  
> coming from  
> seasoned Ops. =20  
>=20  
> A comment on one of the side discussions on spacing:  
>=20  
> Yesthisishardtoread ...  
>=20  
> but, spacing is absolutely necessary in printed text. In spoken  
> language, and in Morse, people naturally tend to eliminate most of the  
> between-word spacing. I see nothing wrong with that, as long as  
> intelligibility isn't reduced. Who wants to sound like a computer?  
>=20  
> Taking the Bruce Challenge:  
>=20  
> Now the fun part. I decided to take Bruce's five minute=20  
> challenge, with  
> my own 24 WPM parameter thrown in. I'm using my new AZQRP W5JH paddle  
> and the Super CMOS II and sending from the paddle's instruction sheet,  
> timing myself until I make an error.  
>=20  
> First try: 0:15=20  
> 2nd try: 1:10  
> 3rd try: 3:20  
>=20  
> So I'm not ready to get on the air yet. But that was kind of=20  
> fun. I'll  
> have to try it again.  
>=20  
> Excuses:  
>=20  
> The paddle is moving around on the desk. I tried holding it with the  
> left hand, but that got old. (Actually though, the little paddle is  
> pretty stable for its size.)  
>=20  
> I think loss of mental concentration or focus is the biggest source of  
> errors for me. It's sure easier to send from printed text=20  
> than from the  
> head. It also helps to look ahead and "visualize" the text in dit-dah  
> terms as opposed to a, b, c terms.  
>=20  
> How do you send a dash (-)? I substituted the BT prosign, but I think  
> that's for "=3D".  
>=20

> 72,  
>=20  
> Nick, WA5BDU  
>=20  
> ... feeling pretty good about ham radio and life in general, and  
> endeavoring to engage in internet discussions and even disagreements  
> without derision, name-calling, or cynicism.  
>=20  
>=20  
>=20  
> -----Original Message-----  
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf  
> Of John Sielke  
>=20  
>=20  
> Let's see, Bruce and I have been called "whiners" and now "stupid" for  
> merely=20  
> suggesting that folks practice CW a bit before getting on the air.  
> Nobody=20  
> said they expected perfect code. It is a goal to strive for,=20  
> but I have  
> not=20  
> reached it yet, nor do I imagine Bruce has.=20  
>=20  
> It is, to me, a sad commentary, not just on Ham Radio, but life in  
> general,=20  
> when the suggestion that one should attempt to do well, that is, the  
> best one=20  
> can do in any endeavor, is met with derision and name-calling.=20  
>=20  
> John W2AGN  
>=20  
>=20

-----  
Date: Tue, 30 Dec 2003 10:58:40 -0500  
From: Ed Tanton <n4xy@earthlink.net>  
To: QRP-L <qrp-l@lehigh.edu>, noga <nogaqrp@mailman.qth.net>,  
Mike Czuhajewski WA8MCQ <wa8mcq@comcast.net>  
Subject: [164096] Fwd: [Premium-Rx] components data via Agilent-WOW!  
Message-ID: <6.0.0.22.2.20031230105230.01f1dc80@pop.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

These two references provided to the Premium Receivers list by John Collins, are for Agilent URLs containing some of the best data in one (OK...two) place(s) I have ever seen.

>From: "refmon" <monitor@referencevideo.com>  
>To: <premium-rx@ml.skirrow.org>  
>Date: Mon, 29 Dec 2003 21:53:17 -0800  
>  
>List-Id: Technical discussions regarding premium radio equipment.  
> <premium-rx.ml.skirrow.org>  
>List-Subscribe: <<http://ml.islandnet.com/mailman/listinfo/premium-rx>>,  
>  
>Hi folks,  
>  
>Hope the holidays are finding everyone in good spirits and as yet not cured  
>of their more enjoyable obsessions.  
>  
>The two urls below will pull up two pdf files...I think there are more...by  
>Agilent. These are reference docs for use by their engineers on a handy  
>assortment of components. While much of the info is available elsewhere, I  
>find these references handy, as the specs, etc are concise and readily  
>found. This stuff is great reference material for ebay, surplus, and bench  
>design efforts. Anyway, give it a look if you're needing handy spec source.  
>One of these is 2001, the other 2003.  
>  
><http://eesof.tm.agilent.com/docs/adsd2003A/pdf/vcsys.pdf>  
>  
><http://eesof.tm.agilent.com/docs/adsd2001/pdf/vcsys.pdf>  
>  
>  
>regards  
>  
>John Collins  
>-----  
>  
>For Info: <http://ml.islandnet.com/mailman/listinfo/premium-rx>

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by  
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057



-----  
"He that gives up a little liberty to gain  
temporary security will lose both and  
deserve neither".

--Benjamin Franklin

"Suppose you were an idiot ...  
and suppose you were a member of  
Congress... but I repeat myself."

--Mark Twain  
-----

-----  
Date: Tue, 30 Dec 2003 09:11:11 -0600  
From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "qrp-1" <qrp-1@lehigh.edu>, "FPigs" <fpqrp-1@mpna.com>  
Subject: [164097] OWE it must be piggie MOJO  
Message-ID: <007a01c3cee7\$2a8c2260\$4a78da0c@mchsi.com>

Well, I don't know what it is but it's working. Lots of  
piggies on this morning and we were  
blessed with one of our piggie partners from WV. ( WA80QZ )  
Anuel dropped by freq to see who he could hear and found himself  
working several of us before he could get away.

Thanks Anuel for coming aboard. Always nice to meet another  
piggie partner. Sorry I messed up your call sign at first. Guess  
I'm still asleep !!

So, who is next to enjoy the pleasure of having your own pile up with  
everyone calling you????

Join us in the watering hole on 7044 and lets give a shot.

72 es oo Jerry N0JRN  
FP # 546, 4SQRP, ARS # 923, ARCI # 11049, ARRL,  
Springfield, Mo. MP + #8  
<http://home.mchsi.com/~n0jrn>

-----  
Date: Tue, 30 Dec 2003 11:00:16 -0500 (EST)

From: "Thom R. Lacosta" <lacosta@bcpl.net>  
To: Brad Hedges <bhedges@nc.rr.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [164098] Re: Art of Telegraphy  
Message-ID: <Pine.GS0.4.58.0312301059380.28276@mail>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 30 Dec 2003, Brad Hedges wrote:

> At the FISTS page:  
>  
> [http://www.qsl.net/n9bor/images/The%20Art%20&%20Skill%20of%20Radio-Telegraph  
> y%203rd%20edition%204-02.pdf](http://www.qsl.net/n9bor/images/The%20Art%20&%20Skill%20of%20Radio-Telegraph%203rd%20edition%204-02.pdf)

I got an error message...but finally got it...thanks so much!

Thom

<http://www.baltimorehon.com/> Home of the Baltimore Lexicon  
<http://www.tlchost.net/> Web Hosting as low as 3.49/month

-----  
Date: Tue, 30 Dec 2003 11:05:17 -0500  
From: <bill@n4qa.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [164099] Re: Dustin' off the gear for SKN...  
Message-ID: <000801c3ceee\$b8e72440\$4927ad80@f1n5n8>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Pete and the gang,  
Hee hee hee...  
I don't dare use the vfo (eco) in the Signal Shifter...might wind up on  
another band!  
Xtal-control only :0)  
And, now for a challenge, everyone...  
Give a listen for my Signal Shifter near 3562 Kcs for the next few days or  
nights...depending on your distance from Pulaski County, Virginia.  
Its 807 final is currently able to develop 3 Watts output...would do six  
watts out with new tubes etc., but that'd be over the top...  
If anyone honestly disagrees that a.r.s. N4QA has one of the sweetest CW  
notes and keying you've ever heard...I'll...uh...uh..I'll...lemme  
see...gotta be safe here...  
I'll never post on the subject of DSWMULTI again :0)

Deal?

73.

Bill, N4QA

<http://www.n4qa.com>

-----  
Date: Tue, 30 Dec 2003 08:08:29 -0800 (PST)  
From: Shawn Upton <kb1ckt@yahoo.com>  
To: KD5NWA <KD5NWA@CBayona.com>  
Cc: qrp-1@lehigh.edu  
Subject: [164100] Re: OT: Car RFI on 2m  
Message-ID: <20031230160829.55637.qmail@web60404.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Ouch, that's not what I wanted to hear. I'm going to set up a second radio, like an HT, in the car and see if maybe it's just the radio causing it. Thanks.

Shawn

--- KD5NWA <KD5NWA@CBayona.com> wrote:  
> The fuel pump, is a notorious noise maker, that on  
> some models pulse on and  
> off.  
>

-----  
Do you Yahoo!?  
Protect your identity with Yahoo! Mail AddressGuard  
<http://antispam.yahoo.com/whatsnewfree>

-----  
Date: Tue, 30 Dec 2003 10:14:11 -0600  
From: "Don Foster" <k5kw@azalea.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [164101] World War II Gear Comes To Life In Time For SKN  
Message-ID: <005201c3ceef\$fd40e4e0\$9fd9ab41@21byq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Today the 40 meter WWII surplus ARC-5 Command set that I recently converted for AC operation (R-27/ARC 5 receiver and T-22/ARC 5 transmitter) came to life after 60 years of silence. The plans here are to use them and my vintage J-38 key on Straight Key Night tomorrow night.

After today's morning skip had lessened and things thinned out a bit on the band, I crossed my fingers, plugged in the J-38, hooked up the set to an antenna, found a clear spot up the band at 7050 kHz, and called CQ. The watt meter showed 35 watts output from the pair of glowing 1625 tubes.

WB4EWG, Bob, in Westport, KY, answered and gave me a 599 report! Suddenly, it was 1951 again and I was reliving those "thrilling days of yesteryear." Only this time, with the modern convenience of cable-vision, I wasn't wiping out every TV set in the neighborhood.

I had forgotten just how lacking in selectivity those old receivers really were. The AGC action, what little there is of it, is also pitiful by today's standards. Strong nearby stations obliterate weaker ones. Nevertheless, there I was in the middle of a QSO and trying to concentrate on separating WB4EWG from signals of a type never heard on the bands in '51. Bob was being clobbered at times by a digi station near 7050 and an SSB station from south of the border.

Wanting to rig the setup just like I did another as a 13-year-old kid in '51, I searched around area electric stores and finally found a knife-switch to use for antenna change-over. To keep the oscillator stable, I let it run continuously during transmit and key the cathodes of the 1625's, then have to shut it down for receive to keep the oscillator from blocking the received signal. This meant throwing the DC switch on the power supply, throwing the knife switch over, and jockeying the volume control up and down on the receiver to control the audio as best I could. Still, with the receiver volume control all the way down, the receiver audio during transmit was so loud it left our poor old deaf dog squirming, and my XYL yelling from the living room "Turn it down!!". It was down. Whew!! Gotta do something to mute that receiver a bit during transmit.

Don, K5KW  
Fort Gibson, Oklahoma

-----  
Date: Tue, 30 Dec 2003 10:18:46 -0600  
From: "ratray" <ratray@accesscomm.ca>  
To: "QRP-C" <qrp-canada@neale.gpfn.sk.ca>, "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [164102] FW: Earth's Inconstant Magnetic Field (fwd)  
Message-ID: <000501c3cef0\$9ceebb70\$7900a8c0@Bonnie>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Thought everyone would find this interesting eh!?...72 - Bruce  
ve5rc/ve5qrp

Date: Mon, 29 Dec 2003 15:12:02 -0600  
From: NASA Science News <snglist@lyris.msfc.nasa.gov>  
To: NASA Science News <snglist@lyris.msfc.nasa.gov>  
Subject: Earth's Inconstant Magnetic Field

NASA Science News for December 29, 2003

Earth's magnetic north pole is racing away from North America. Compass needles in Africa are drifting about 1 degree per decade. Globally the magnetic field has weakened 10% since the 19th century. What's happening to our planet's magnetic field? Researchers are seeking the answer. In this story we see what they've learned in recent years.

FULL STORY at

[http://science.nasa.gov/headlines/y2003/29dec\\_magneticfield.htm?list109452](http://science.nasa.gov/headlines/y2003/29dec_magneticfield.htm?list109452)

Check out our RSS feed at <http://science.nasa.gov/rss.xml>!

You are currently subscribed to snglist as: rattray@gpfn.sk.ca

This is a free service.

To UNSUBSCRIBE, or CHANGE your address on this service, go to  
<http://science.nasa.gov/news/subscribe.asp?e=rattray@gpfn.sk.ca>  
or send a blank email to [leave-snglist-1094520@snglist.msfc.nasa.gov](mailto:leave-snglist-1094520@snglist.msfc.nasa.gov).

Home page: <http://science.nasa.gov>

-----

Date: Sun, 28 Dec 2003 14:44:06 -0500  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [164103] Re: Basic Keyer  
Message-ID: <3.0.6.32.20031228144406.007c0580@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Though far from being a basic keyer, my "Frankenkeyer" has straight key mode. (which BTW are still available).

The SWL Rock Mite keyer chip also has a straight key mode, as does the Jackson Harbor enhanced R/M keyer chip.

With these keyers, a straight key is auto detected on power up of the keyer by sensing a mono plug is inserted into the stereo paddle jack. (ie, one of the paddles inputs is grounded)

Straight key mode lets you use all the functions of the keyer like memories (which still have to be programmed with a paddle though) but use something other than a paddle to key with. Such as a straight key, or from a computer, a different keyer, or even your old bug. This allows flexibility in choosing your keying source, while leaving the keyer in line with the rig. This can be important if the keyer is built into a rig and not easy to otherwise by-pass.

72,

Steve, KD1JV

"Melt Solder"

White Mountains of New Hampshire

<http://www.qsl.net/kd1jv/>

-----  
Date: Mon, 29 Dec 2003 16:10:42 -0500  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: k6whp@verizon.net  
Cc: qrp-l@lehigh.edu  
Subject: [164104] Re: Tenna Dipper Question  
Message-ID: <3.0.6.32.20031229161042.007c6e00@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>..I am wondering if, when building the TD, a meter were added/substituted for the LED indicator that the resulting dip might indicate the resonant frequency irrespective of the antenna impedance thus saving the effort of redoing the bridge circuit?

>

No- what determines at what impedance you see the dip at is set by the bridge. Doesn't matter how it's viewed.

The only reason you'd want to look for something other than 50 ohms is if your using something other than a standard dipole for an antenna.

But in

any event, eventually you will have to match to 50 ohms to make your transmitter happy. The whole point of the Tenna Dipper was to help you find that match without burning up your transmitter or causing undo QRM.

72,

Steve, KD1JV

"Melt Solder"

White Mountains of New Hampshire

<http://www.qsl.net/kd1jv/>

-----  
Date: Tue, 30 Dec 2003 11:37:59 -0800

From: "Jade's Technical Services" <kw3u@warwick.net>

To: <nkennedy@tcainternet.com>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [164105] Re: mini crystal for FT-243?

Message-ID: <005701c3cf0c\$6f7b13c0\$d4a306d8@f5b712>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Well when I picked up my johnson adventurer I only had 40 meter ft243's, so to get

on 80 I opened up one of those oddball 243 xtals you get at hamfests and soldered in

a colorburst xtal(mini size) and its worked fine, now I have a better collection of rocks

for 80/40 so havent used it much lately. let us know how it works out.

i have a box or two of those oddball ft243's if someone needs a couple to experiment.

Jim kw3u

----- Original Message -----

From: "Nick Kennedy" <wa5bdu@tcainternet.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, December 29, 2003 7:04 PM

Subject: RE: mini crystal for FT-243?

> I think the answer has been received that the little bitty crystals

> can't handle enough current.  
>  
> Now--did I dream this, or did someone post a circuit a year or two ago  
> to allow using the mini crystals to drive old tube rigs? I seem to  
> recall it was a little amplifier and maybe it was posted by one of the  
> designers on the list ... Mr. Fifield or Mr. Burdick maybe. But I sure  
> can't find it any more.  
>  
> To sort of answer the question though, this is probably the only  
> reliable way of addressing the problem. I think you would make a little  
> one or two stage transistor (or FET) oscillator that would have its  
> output designed to work into several k-ohms.  
>  
>  
> 72--Nick, WA5BDU  
>  
>  
> -----Original Message-----  
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf  
> Of Tony Martin W4FOA  
> Sent: Sunday, December 28, 2003 8:24 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: [qrp-l] Re: QRP-L digest 3147  
>  
>  
> Gang,  
> Please excuse me if this has been addressed before or if it falls into  
> the "stupid" category. Will the AmQRP crystals shown in the ref website  
> work in boatanchor rigs (like the Heath AT-1, Viking Adventurer, etc.)?  
> If so, would it be possible to physically mount the entire AmQRP crystal  
> in an empty FT-243 crystal holder which would make it more compatible  
> with the BA stuff. Has anyone done this and if so, shed any tips on the  
> process?  
>  
> Thanks for reading..  
> Tony, W4FOA  
>

-----  
Date: Tue, 30 Dec 2003 16:51:30 +0000  
From: "Bruce Prior" <n7rr@hotmail.com>  
To: qrp-l@Lehigh.EDU  
Subject: [164106] Elecraft KX1/K1 comparison now on web  
Message-ID: <BAY1-F108N00ktmzmVB00001345@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed



I wrote a comparison of the KX1 and K1 and then Wayne Burdick of Elecraft added a note. Both are posted at  
<<http://www.rac.ca/qrpcaan/comparisonkx1.htm>>.  
The text of my part is slightly modified from what appeared earlier on this list.

72,  
J. Bruce Prior N7RR  
Kairos Research  
853 Alder Street  
Blaine, WA 98230-8030  
360-332-6046

Patronize tobacco-free enterprises and institutions.

-----  
Make your home warm and cozy this winter with tips from MSN House & Home.  
<http://special.msn.com/home/warmhome.armx>

-----  
Date: Tue, 30 Dec 2003 11:53:20 -0500  
From: Peter Burbank <peterlee@qx.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [164107] Re: OT: Car RFI on 2m  
Message-ID: <5.2.0.9.0.20031230114409.00a28be0@mail.qx.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

I had a lot of trouble with false alarms on a radar detector caused by RFI on the harness.  
About 8 turns of the power lead on a large (about 2.5") 77 ferrite core took care of it.  
Another source I had years ago (prior to computerized cars) turned out to be an ungrounded  
muffler system.  
Good luck  
Pete NV4V

At 09:11 AM 12/30/2003, Shawn Upton wrote:  
>In my car (2000 Saturn SL), I have a 2m radio. It has  
>been relatively good RFI so far, but now, I have two  
>"new" noise sources:  
>  
>The rear defroster, when turned on, is creating

>noise--probably a bad connection. but, there is  
>something that is cycling off and on, about every  
>15-20 seconds, giving usually 3 0.5 second bursts of  
>noise (but sometimes only 2). I'm starting to think  
>the two are related somehow, probably a bad ground.

>

>Any ideas where to go? Thanks.

>

>KB1CKT

>Shawn

>

>\_\_\_\_\_

>Do you Yahoo!?

>Protect your identity with Yahoo! Mail AddressGuard

><http://antispam.yahoo.com/whatsnewfree>

-----

Date: Tue, 30 Dec 2003 09:07:22 -0800 (PST)

From: Shawn Upton <kb1ckt@yahoo.com>

To: Philip L Carter <pcarter@gcfn.org>

Cc: qrp-1@lehigh.edu

Subject: [164108] Re: OT: Car RFI on 2m

Message-ID: <20031230170722.22857.qmail@web60408.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Battery is only 4 years old. Radio is in back seat,  
antenna on trunklip mount, on the trunk, placing about  
2' from rear defroster. Radio wiring about 3 years  
old.

However--the pulsed noise source is with the rear  
defrost set to off. Turning on the rear defrost kills  
off the pulsed noise source, but only by dropping the  
sensitivity of the radio by 10dB or something like  
that (listening to a weak but almost noise free  
repeater, kicking on the defroster makes it quite  
noisier--but no noise with no received signal).

Shawn

--- Philip L Carter <pcarter@gcfn.org> wrote:

> This could be the alt kicking in and out as the

> defroster pulls current

> from the bnattery. How old is the battery? Where  
> is the radio connected  
> and where is the antenna?  
>  
>  
> NRE/COLE Test Center OH-3  
> pcarter@gcfn.org or wd8qwr@arrl.net  
> Philip L. Carter, WD8QWR  
> wd8qwr@w8cqk.#cmh.oh.usa.na  
>  
>

-----  
Do you Yahoo!?  
Protect your identity with Yahoo! Mail AddressGuard  
<http://antispam.yahoo.com/whatsnewfree>

-----  
Date: Tue, 30 Dec 2003 11:10:20 -0600  
From: George F Franklin <w0av@juno.com>  
To: k5kw@azalea.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [164109] Re: World War II Gear Comes To Life In Time For SKN  
Message-ID: <20031230.111038.752.1.w0av@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Don,

I got an old ARC-5 going a couple of years back and will try to be on 40M  
for SKN.

Will be looking for K5KW.

72/73 de George/W0AV  
Hamming since 1935

-----  
Date: Tue, 30 Dec 2003 17:33:38 GMT  
From: Wayne\_W5KDJ <w5kdj@juno.com>  
To: kd5kxf@classicnet.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [164110] Re: calling all foxes  
Message-ID: <20031230.093405.7794.67135@webmail09.lax.unttd.com>

Mime-Version: 1.0  
Content-Type: text/plain

I will take it to night. I have it next week also so if you don't have your antenna's back up I can assume it on the 6th. Advise if someone else has accepted for tonight.

To the other FOX I will be low you take high if that's acceptable.

Wayne\_W5KDJ  
Ex: SV0WWW\_TF2WJN 100% CW  
ARS\_1392 ARCI\_11325 FP\_626 e-QSL  
FISTS\_10060 SOC\_538 ARRL HQRP

-- kd5kxf <kd5kxf@classicnet.net> wrote:  
KD5KXF here, is there any fox that can exchange slots with me? I am to be the fox tomorrow and emailed Doc with my dilemma...I came home from holidays with a downed antler and roof damage. I will not have any daylight hours to fix this. I haven't heard from Doc so I thought I better put this out on the reflector.

--  
Mike Malone  
KD5KXF  
Balch Springs, Texas  
FP 214

-----  
Date: Tue, 30 Dec 2003 11:38:07 -0600 (CST)  
From: Dale Botkin <dale@botkin.org>  
To: QRP list <qrp-l@Lehigh.EDU>  
Subject: [164111] Re: Basic Keyer  
Message-ID: <Pine.LNX.4.33.0312301134050.604-100000@madmax.botkin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 28 Dec 2003, Steven Weber wrote:

> The SWL Rock Mite keyer chip also has a straight key mode, as does the  
> Jackson Harbor enhanced R/M keyer chip.

As does my own PicoKeyer, both the Rock-Mite and the standalone versions. Makes a dandy code practice oscillator, too. If Microchip would hurry up with their next chip I'd add bug mode as well. The program code's already written. 8-)

I find the straight-key mode very useful when travelling. I pack my RM and a Whiterook paddle I swapped for that has its own keyer built in; I can plug it into the RM and when I get home use the Kent paddle instead.

72,

Dale - N0XAS

--

It's a thankless job, but I've got a lot of Karma to burn off.  
PicoKeyer Analog with pot speed control now available! Or add  
memory and more to your Rock-Mite -- <http://www.hamgadgets.com>

-----  
Date: Tue, 30 Dec 2003 08:08:32 -0600  
From: John Oppenheimer <KN5L@gte.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [164112] Re: Antenna's  
Message-ID: <3FF186E0.70109@gte.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Some things to consider for your new antenna:

A ground (counterpoise, radials, etc) becomes less important when feeding a half wave antenna because of the high impedance.

A ground will be much more important for the quarter wave antenna.

To me, it seems physically difficult to feed a ground mounted antenna with open wire feedline.

I just finished posting some vertical antenna measurements on the IC-703 Yahoo group. I'll repeat it here:

The antenna is a 20 meter ground plane vertical with four radials, more information at <http://kn5l.net/fdantenna/>

The measurements are taken at the rig end of the ~140 foot feedline using a VA1 Vector RX Analyst from AUTEK RESEARCH.

The IC-703 auto tuner matches 80 thru 10 meters.

| Mhz  | SWR  | Z   |                          |
|------|------|-----|--------------------------|
| 1.9  | 13:1 | 170 | does not match this band |
| 3.56 | 15:1 | 44  |                          |

7.04 7:1 26  
10.12 7:1 88  
14.06 1.13:1 48

These are only measurements and I am not implying that the above antenna configuration has any efficiency on the non resonant bands. My next projects is to use my new VA1 and try to tune the antenna at the antenna.

John

-----  
Date: Tue, 30 Dec 2003 20:51:54 +0300  
From: "Oleg V. Borodin" <master72@lipetsk.ru>  
To: G-QRP <gqrp@yahooogroups.com>, QRP-L <qrp-l@lehigh.edu>  
Subject: [164113] Happy New Year!  
Message-ID: <1613351714.20031230205154@lipetsk.ru>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Dear QRP Friends!

Happy New Year!!!  
Wish you the best health, piece in the World, piece in the families.  
Interesting QRP QSO's, of cause! Be happy!

72! de RV3GM Oleg ("Master-72") V. Borodin  
RU-QRP Club <http://ruqrp.narod.ru>

=== In QRP We Trust! ===

-----  
Date: Tue, 30 Dec 2003 13:14:27 -0500  
From: John Sielke <jsielke@pobox.com>  
To: qrp-l@lehigh.edu  
Subject: [164114] SKN  
Message-ID: <3FF1C083.6060400@pobox.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Well, I just checked out the HT-17, and have it tuned up on 7038.5 with the S40B. Also tuned up the old TBS-50C and HQ129X for 80M. I use an old Lysco VFO with this, OK if it warms up an hour or two. The Signal

Shifter EX is also working, if I want to try it. Like someone said, unless it is crystal controlled, it does drift. I have a new 807 in it, so mine will put out about 6 watts.

See you all on SKN!

John W2AGN

-----  
Date: Tue, 30 Dec 2003 10:14:08 -0800 (PST)  
From: Shawn Upton <kb1ckt@yahoo.com>  
To: Philip L Carter <pcarter@gcfn.org>  
Cc: qrp-l@lehigh.edu  
Subject: [164115] Re: OT: Car RFI on 2m  
Message-ID: <20031230181408.77857.qmail@web60403.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

10 or 12g to the fuse box, 30A RS noise filter.  
Ground lead runs to a fender under the hood. Been set up like this for 3 years. Radio has been set up for about 1 month; was working fine until about a week or two ago. I haven't noticed the noise with the car just running; I usually flip the radio on once I'm moving. I'll have to see what it does unquelled, car cold, not moving, etc.

Shawn

--- Philip L Carter <pcarter@gcfn.org> wrote:  
> How is the radio powered? Do you still have the  
> noise on an unquelled  
> channel without the antenna connected? Is the radio  
> grounded?  
>  
>  
> NRE/COLE Test Center OH-3  
> pcarter@gcfn.org or wd8qwr@arrl.net  
> Philip L. Carter, WD8QWR  
> wd8qwr@w8cqk.#cmh.oh.usa.na  
>  
>

-----  
Do you Yahoo!?

Protect your identity with Yahoo! Mail AddressGuard  
<http://antispam.yahoo.com/whatsnewfree>

-----  
Date: Tue, 30 Dec 2003 13:26:13 -0500  
From: "Howard" <wa2afd@hotmail.com>  
To: <qrp-1@lehigh.edu>  
Subject: [164116] G4FON Koch Method Update  
Message-ID: <Law9-0E566u1rDfjFvT000122bc@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The latest version of Ray Goff's G4FON Koch method CW Trainer is now available for download.

Version 6 has among other things, a new QS0 feature that will play a practice QS0 whenever a button is pressed.

You can find it at:

[www.qsl.net/g4fon](http://www.qsl.net/g4fon)

73 de WA2AFD

-----  
Date: Tue, 30 Dec 2003 13:30:27 -0500  
From: Michael Babineau <michael.babineau@sympatico.ca>  
To: brasspounders@yahoogroups.com, morse\_bugs@yahoogroups.com,  
      qrp-1@Lehigh.EDU  
Subject: [164117] Reminder ARRL SKN (New Years Eve / New Years day)  
Message-ID: <3DA2FD8B-3AF6-11D8-B20B-00039309268A@sympatico.ca>  
Mime-Version: 1.0 (Apple Message framework v553)  
Content-Type: text/plain; charset=US-ASCII; format=flowed  
Content-Transfer-Encoding: 7bit

I just wanted to remind everyone that Straight Key Night (SKN 2004) begins at 7:00 p.m. EST December 31 and runs for 24 hours through 7:00 p.m. EST January 1 (0000 --2400 UTC January 1, 2004).

For those of you who haven't participated before, its not a contest its more of a celebration of the art of wireless telegraphy with ragchew QS0s being the norm. Many of the stations on the air also use classic rigs so if you have something with tubes in it dig it out and fire it up.



So break out your straight key, sideswiper and / or Bug and make a few contacts.

Yes I did say Bug. I checked last year with the ARRL Contest Bureau and for the purposes of SKN a Bug is considered a straight key.

The objective is for participants to use traditional manual or semi-automatic mechanical keying instruments as opposed to electronic keyers or keyboards so Bugs are within the "Spirit" of the event.

Hope to work a few of you on new years eve!

<http://www.arrl.org/contests/rules/2004/skn.html>

Michael VE3WMB

-----  
Date: Tue, 30 Dec 2003 10:39:56 -0800  
From: "john gabbard" <johngabbard@usintouch.com>  
To: <k5kw@azalea.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [164118] Re: World War II Gear Comes To Life In Time For SKN  
Message-ID: <005e01c3cf04\$52c050e0\$e5861c0c@john>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Atta Boy Don, keep it up! glad to hear another ARC is up and running. Best Wishes, Happy New Year! 73's John KF70M

----- Original Message -----

From: "Don Foster" <k5kw@azalea.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Tuesday, December 30, 2003 8:14 AM  
Subject: World War II Gear Comes To Life In Time For SKN

> Today the 40 meter WWII surplus ARC-5 Command set that I recently converted  
> for AC operation (R-27/ARC 5 receiver and T-22/ARC 5 transmitter) came to  
> life after 60 years of silence. The plans here are to use them and my  
> vintage J-38 key on Straight Key Night tomorrow night.  
>

> After today's morning skip had lessened and things thinned out a bit on the  
> band, I crossed my fingers, plugged in the  
> J-38, hooked up the set to an antenna, found a clear spot up the band at  
> 7050 kHz, and called CQ. The watt meter showed 35 watts output from the  
pair  
> of glowing 1625 tubes.  
>  
> WB4EWG, Bob, in Westport, KY, answered and gave me a 599 report! Suddenly,  
> it was 1951 again and I was reliving those "thrilling days of yesteryear."  
> Only this time, with the modern convenience of cable-vision, I wasn't  
wiping  
> out every TV set in the neighborhood.  
>  
> I had forgotten just how lacking in selectivity those old receivers really  
> were. The AGC action, what little there is of it, is also pitiful by  
today's  
> standards. Strong nearby stations obliterate weaker ones. Nevertheless,  
> there I was in the middle of a QSO and trying to concentrate on separating  
> WB4EWG from signals of a type never heard on the bands in '51. Bob was  
being  
> clobbered at times by a digi station near 7050 and an SSB station from  
south  
> of the border.  
>  
> Wanting to rig the setup just like I did another as a 13-year-old kid in  
> '51, I searched around area electric stores and finally found a  
knife-switch  
> to use for antenna change-over. To keep the oscillator stable, I let it  
run  
> continuously during transmit and key the cathodes of the 1625's, then have  
> to shut it down for receive to keep the oscillator from blocking the  
> received signal. This meant throwing the DC switch on the power supply,  
> throwing the knife switch over, and jockeying the volume control up and  
down  
> on the receiver to control the audio as best I could. Still, with the  
> receiver volume control all the way down, the receiver audio during  
transmit  
> was so loud it left our poor old deaf dog squirming, and my XYL yelling  
> from the living room "Turn it down!!". It was down. Whew!! Gotta do  
> something to mute that receiver a bit during transmit.  
>  
> Don, K5KW  
> Fort Gibson, Oklahoma  
>  
>  
>  
>

>

-----  
Date: Tue, 30 Dec 2003 13:20:11 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <kb1ckt@yahoo.com>,  
      "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [164119] Re: Car RFI on 2m  
Message-ID: <00a701c3cf02\$3839c460\$0200a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> In my car (2000 Saturn SL), I have a 2m radio. It has  
> been relatively good RFI so far, but now, I have two  
> "new" noise sources:  
>  
> The rear defroster, when turned on, is creating  
> noise--probably a bad connection. but, there is  
> something that is cycling off and on, about every  
> 15-20 seconds, giving usually 3 0.5 second bursts of  
> noise (but sometimes only 2). I'm starting to think  
> the two are related somehow, probably a bad ground.  
>  
> Any ideas where to go? Thanks.  
>  
> KB1CKT  
> Shawn

I'd look at the alternator. The rear defroster is such a power hog that when it switches on, it can pull a load. If the computer senses it, it can try to increase field current and make the alternator pump out a lot more.

Or... It could be the battery. If you battery is getting a bit weak, then it can aggravate noise that was always there but weak from the rest of the system. Turning on the rear defrost can move the problem further into the foreground.

-----

Date: Tue, 30 Dec 2003 14:02:14 -0500  
From: John Sielke <jsielke@pobox.com>  
To: qrp-l@lehigh.edu  
Subject: [164120] Re: Reminder ARRL SKN (New Years Eve / New Years day)  
Message-ID: <3FF1CBB6.5070403@pobox.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

> Yes I did say Bug. I checked last year with the ARRL Contest Bureau  
> and for the purposes of SKN a Bug is considered a straight key.  
>

A "bug" is a "straight key?"

Now I enjoy using my bug, and it is a lot less tiring than a straight key, but NO WAY is a bug a straight key, even if the ARRL wills it to be so.

Next thing they'll say "For ARRL Purposes, QRP is 100 watts." (Oops, been there, done that....).

John W2AGN

-----  
Date: Tue, 30 Dec 2003 12:16:03 -0700 (MST)  
From: Karl Larsen <k5di@zianet.com>  
To: Howard <wa2afd@hotmail.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [164121] Re: G4FON Koch Method Update  
Message-ID: <Pine.LNX.4.44.0312301213190.5281-1000000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 30 Dec 2003, Howard wrote:

> The latest version of Ray Goff's G4FON Koch method CW Trainer is now  
> available for download.  
>  
> Version 6 has among other things, a new QSO feature that will play a  
> practice QSO whenever a button is pressed.

Got it Howard and it will be what I send CW testing on now. I'm a VE and give lots of tests of CW. Koch by Ray Goff is great software! If you have a little CW and want to get from 5 wpm to 20 wpm Koch works great! 0 to 5 Koch is not good.

>  
> You can find it at:  
>  
> [www.qsl.net/g4fon](http://www.qsl.net/g4fon)  
>  
> 73 de WA2AFD  
>

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

-----  
Date: Tue, 30 Dec 2003 12:17:17 -0600  
From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "qrp-1" <qrp-1@lehigh.edu>, "FPigs" <fpqrp-1@mpna.com>  
Subject: [164122] The hunts heaten up and the pond is dry  
Message-ID: <001101c3cf01\$28d6f980\$4a78da0c@mchsi.com>

OK Ladies and Gents, Boys and Girls

If you have a piggie number and you haven't passed that thing out yet,  
this is it !!

Tonight is the night !! We have the Truffle and the Foxii  
in action tonight so it's going to be tough to get anything going  
unless you jump in before the hunts start. 0130z is the gun for  
the Truffle so we have until then to do anything.

There are no less than 15 piggies interested in improving their  
standings in the WAP's competition.

I, of course, am doing my best to toast my piggie partner LL .  
But, I need some help !

This guy is tough and he just keeps coming back with more and more and  
more and more. Thats OK though cuz I'm just as tough and we're going  
to take this one to the wire.

It's coming down to who has the propagation and who doesn't. We  
won't know unless all yall jump in there and give a squeal.

I'm taking Spidi to lunch right now but I'LL BE BACK  
and I'll see ya all ( I hope ) on or near 7044

72 / 73                    and a big ole 00                    Jerry                    N0JRN  
FP # 546, 4SQR, ARS # 923, ARCI # 11049, ARRL,  
Springfield, Mo. MP + #8  
<http://home.mchsi.com/~n0jrn>

-----  
Date: Tue, 30 Dec 2003 11:23:41 -0800 (PST)  
From: Lloyd Lachow <llachow@yahoo.com>  
To: qrp-l <qrp-l@Lehigh.EDU>, FPigs <fpqrp-l@mpna.com>  
Subject: [164123] Re: [fpqrp] The hunts heaten [sic] up and the pond is dry  
Message-ID: <20031230192341.77820.qmail@web41014.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

--- Jerry Ford <benlightnd13@mchsi.com> wrote:  
>  
> If you have a piggie number and you haven't passed  
> that thing out yet,  
> this is it !!

...and that goes double for me!

oo

-----  
Do you Yahoo!?  
Find out what made the Top Yahoo! Searches of 2003  
<http://search.yahoo.com/top2003>

-----  
Date: Tue, 30 Dec 2003 14:24:04 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: nkennedy@tcainternet.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [164124] Re: FW: [qrp-l] Re: straight key before paddle  
Message-ID: <3FF1D0D4.F960149B@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Nick,

First of all, let me congratulate you for taking the challenge. When I made that "wild" statement I was not thinking too clearly. Also I had a different mind set than I do now, three or four days later. But what are minds made for except to change.

obviously, to me, I meant sending from printed text. Using printed text is the easiest. You don't have to think about what to say next. You don't have to worry about you spell a word. But notice how your proficiency went up with each succeeding trial! You might have made 5 minutes in the next couple of trials!

But in retrospect, I think somewhere between 1 and 3 minutes might be more realistic. So let's let it go at that.

On the matter of what is better as a starter, a straight key or a paddle, after much thought I decided that in this day and age it really doesn't matter. I still consider the straight key to give the operator more flexibility if it is learned first, and I think it reinforces the code at early stages because using a key is, again, to me, a more direct manual translation of the code than pushing a paddle (consider any character over a single dit or dah). But again, this is a personal opinion!

As to how many bad operators does it take to annoy another operator? Let's define bad operators, CW only of course. After some consideration, I guess the operator who lets a stray dot or dash slip in does not really concern me. After this pot does not like to be called black (no racial slurs intended). God knows, as do many I have worked knows I do it myself! Of course I was projecting an ideal, not practice!

But the guys who consistently send a string of dits for "e", "i", "s", "h", or "5", really annoy me. As do the guys who consistently add extra dits or dahs because they are trying to use the paddle at too high a speed or just have not had enough practice.

And there are some guys who have not had enough practice to really know the code. Not only is their spacing bad but they don't know the characters. I had an aborted QSO with one of these on 40 that frustrated me. I wanted to help the guy but there was no way. BTW, poor spacing is not as much of a problem if you write everything down, but it is terrible if you "head copy".

So, there you have the benefit of my current thinking. Thanks for the

bandwidth and I hope this returns me to the better graces of some of you!

73

Nick Kennedy wrote:

>  
> Hate to see our semi-annual discussion of how good you need to be with  
> the key before venturing onto the air end in hard feelings. I  
> personally haven't called anyone stupid or a whiner, and I don't think  
> anyone else has either; not directly anyway.  
>  
> Is there a "correct" answer? I don't think so. No doubt there are some  
> who jump in without adequate skills. There are also others who are  
> skilled enough (for beginners), but are still too terrified of making  
> mistakes and embarrassing themselves to get on the air. The latter  
> group is the larger one in my observation, and includes just about  
> everyone's "first time on the air" story. Are there really hordes of  
> new hams so eager to work CW that they are getting on and irritating  
> everyone with their poor sending? I hadn't noticed, but I'd be almost  
> willing to put up with the crummy fists if it were true. Not that I  
> haven't heard some horrible Morse, but I think most of it is coming from  
> seasoned Ops.  
>  
> A comment on one of the side discussions on spacing:  
>  
> Yesthisishardtoread ...  
>  
> but, spacing is absolutely necessary in printed text. In spoken  
> language, and in Morse, people naturally tend to eliminate most of the  
> between-word spacing. I see nothing wrong with that, as long as  
> intelligibility isn't reduced. Who wants to sound like a computer?  
>  
> Taking the Bruce Challenge:  
>  
> Now the fun part. I decided to take Bruce's five minute challenge, with  
> my own 24 WPM parameter thrown in. I'm using my new AZQRP W5JH paddle  
> and the Super CMOS II and sending from the paddle's instruction sheet,  
> timing myself until I make an error.  
>  
> First try: 0:15  
> 2nd try: 1:10  
> 3rd try: 3:20  
>  
> So I'm not ready to get on the air yet. But that was kind of fun. I'll  
> have to try it again.  
>  
> Excuses:



>  
> The paddle is moving around on the desk. I tried holding it with the  
> left hand, but that got old. (Actually though, the little paddle is  
> pretty stable for its size.)  
>  
> I think loss of mental concentration or focus is the biggest source of  
> errors for me. It's sure easier to send from printed text than from the  
> head. It also helps to look ahead and "visualize" the text in dit-dah  
> terms as opposed to a, b, c terms.  
>  
> How do you send a dash (-)? I substituted the BT prosign, but I think  
> that's for "=".  
>  
> 72,  
>  
> Nick, WA5BDU  
>  
> ... feeling pretty good about ham radio and life in general, and  
> endeavoring to engage in internet discussions and even disagreements  
> without derision, name-calling, or cynicism.  
>  
> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf  
> Of John Sielke  
>  
> Let's see, Bruce and I have been called "whiners" and now "stupid" for  
> merely  
> suggesting that folks practice CW a bit before getting on the air.  
> Nobody  
> said they expected perfect code. It is a goal to strive for, but I have  
> not  
> reached it yet, nor do I imagine Bruce has.  
>  
> It is, to me, a sad commentary, not just on Ham Radio, but life in  
> general,  
> when the suggestion that one should attempt to do well, that is, the  
> best one  
> can do in any endeavor, is met with derision and name-calling.  
>  
> John W2AGN

-----  
Date: Tue, 30 Dec 2003 12:56:20 -0700  
From: KJ7UN <kj7un@kj7un.com>  
To: lacosta@bcpl.net,  
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [164125] Re: Art of Telegraphy  
Message-ID: <opr00ez6nlci47zn@mail.kj7un.com>  
Content-Type: text/plain; format=flowed; charset=iso-8859-15  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit

<http://www.qsl.net/n9bor/n0hff.htm>

Or, you can order the book at the FISTS website at: [fists.org](http://fists.org)

--

73 de KJ7UN, Laura

On Tue, 30 Dec 2003 10:07:40 -0500 (EST), Thom R. Lacosta  
<lacosta@bcpl.net> wrote:

> Anyone have tyhe link to the pdf file of "The Art of Telegraphy"?  
>  
> Thanks  
>  
> Thom  
>  
> <http://www.baltimorehon.com/> Home of the Baltimore Lexicon  
> <http://www.tlchost.net/> Web Hosting as low as 3.49/month  
>  
>

-----  
Date: Tue, 30 Dec 2003 12:09:06 -0800 (PST)  
From: Garie Halstead K8KFJ <khyberpass65@yahoo.com>  
To: Low Power radio discussion <qrp-l@Lehigh.EDU>  
Subject: [164126] 80m Glowbugs last night  
Message-ID: <20031230200906.81757.qmail@web60304.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Although I was gone most of the evening, I made it a point to listen in for a time (being of that era when some of these rigs were routinely on the air). Heard lots of "CQ GBRR" and I was richly rewarded for my time with their distinctive keying and sound which brought back warm fuzzy memories. Yes, there are some advantages of being white haired in remembering those times. I only made a couple of contacts feeling bad that I didn't have a VT rig to put on the air (and wanting there to be as many Glowbug to Glowbug contacts as possible). Hopefully next time I'll have a rig with a warm glow about it to put on the air in a full effort.

Condx seemed really good on the band last night. I even heard Ken (W7EKB) in Moscow, Idaho making contacts with his HW16. KONG had a huge signal here from Lincoln, NE with his Elmac AF67, Zepp, J-38 and HQ-170. Too bad the Fox Hunts are missing out on some of this great 80m band conditions.

My thanks to Jim W1FMR in NH with his Heath AT1 @ 7w for allowing my non Glowbug 706G to participate. The AT1 was my first rig as a Novice. Same thanks go to Ron N4GJV in NC with his 1928 MOPA @ 5w. Ron was using a homebrew super het RX. Gotta get a glowbug rig on the air for their next event so I don't feel like a fish out of water participating. HI

Sounds as if it was a great Glowbug night and I only wish I had had more time to spend but one has to keep the female gender happy. It appears Conrad may be quite busy with entries but was sorry to hear from his email that John Hern had passed away last month. Nice gesture to name this contact in his honor.

HNY everyone!!

72, Gary -K8KFJ-  
West Virginia

-----  
Do you Yahoo!?  
Protect your identity with Yahoo! Mail AddressGuard  
<http://antispam.yahoo.com/whatsnewfree>

-----  
Date: Tue, 30 Dec 2003 14:20:4 -0600  
From: "Doc K0EVZ" <dock0evz@earthlink.net>  
To: "qrp-l reflector" <qrp-l@lehigh.edu>  
Cc: "Bruce Rattray " <rattray@gpfn.sk.ca>,  
"Marshall Emm N1FN" <mgemm@mtechnologies.com>,  
Subject: [164127] FOX Sked Change for TONITE  
Message-ID: <412003122302020422@earthlink.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Gang:

Wayne W5KDJ will be one of the two FOXes tonite, along with Pat K0PC. Wayne is switching with Mike KD5KXF, who will be one of the FOXes \*next week\*. Wayne recently lost all his antennas in a wind storm. He plans to

have antennas back up tomorrow or possibly Thursday evening. This is Pat's final outing for the season.

So there you have it. Wayne will be below 7.040, while Pat K0PC will be above. GL to both FOXes, and to all us hunters! Fingers crossed for good propagation for everyone.

73,  
--Doc/K0EVZ

-----  
Date: Tue, 30 Dec 2003 14:52:16 -0600  
From: Chuck Carpenter <w5usj@9plus.net>  
To: qrp-l@lehigh.edu  
Subject: [164128] DX-40 Lives  
Message-ID: <3.0.2.32.20031230145216.00857d20@mail.9plus.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Used to have one of these things many moons ago. Found another one to use for SKN and it seems to work. I've had it on most of the day and it hasn't smoked yet... [g]

I have two crystals I dug up for 40 that are on ~7050 and ~7075. I've got it connected to a dummy load and keying it with my old J-38. The signal sounds a little chirpy listening with the FT-817. The old wrist is a little rubbery but I'm ready to give it a go. This'll be fun. Send CQ on one frequency for about a minute then tune up and down the band to see if anyone is calling you back. Sound familiar?

Plan to stay around 7050 avoiding any nets that might be active by switching to 7075.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57  
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

-----

Date: Tue, 30 Dec 2003 15:59:36 -0500  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [164129] RE: Reminder ARRL SKN (New Years Eve / New Years day)  
Message-ID: <721D3436A7C2B344A301FD4A413C71A902512394@kosh.arrlhq.org>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Oh, no, not another way that hams can't have fun on the air! =20

I once saw Richie Havens in concert. Not only was he a good singer, but =  
he shared himself with the audience. He told us that he had been around =  
the world five times. In all that travel, he had realized something. He =  
asked us to think of what we do with our lives, then noted that =  
everything that we do is against the law somewhere. Just how much =  
restriction would we want to put on each other, anyway. If John doesn't =  
want to use a bug on SKN, that is fine, but if someone else feels that =  
the semi-automatic aspects of a bug are in the spirit of the event, why =  
would anyone want to bust the bubble of their enjoying the event in =  
their own way.

In that spirit, I promise that if any of you all use bugs on SKN, I will =  
work you!=20

73,=20  
Ed Hare, W1RFI  
ARRL Lab  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
Internet: w1rfi@arrl.org  
Web: <http://www.arrl.org/tis>

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU=20

> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> John Sielke

> Sent: Tuesday, December 30, 2003 2:02 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: Reminder ARRL SKN (New Years Eve / New Years day)

>=20

>=20

> > Yes I did say Bug. I checked last year with the ARRL Contest Bureau

> > and for the purposes of SKN a Bug is considered a straight key.  
 > >=20  
 >=20  
 > A "bug" is a "straight key?"  
 >=20  
 > Now I enjoy using my bug, and it is a lot less tiring than a straight=20  
 > key, but NO WAY is a bug a straight key, even if the ARRL=20  
 > wills it to be so.  
 >=20  
 > Next thing they'll say "For ARRL Purposes, QRP is 100 watts." (Oops,=20  
 > been there, done that....).  
 >=20  
 > John W2AGN  
 >=20  
 >=20

-----  
 Date: Tue, 30 Dec 2003 15:17:44 -0600  
 From: "rattray" <rattray@accesscomm.ca>  
 To: "QRP-C" <qrp-canada@neale.gpfn.sk.ca>, "QRP-L" <qrp-l@Lehigh.EDU>  
 Subject: [164130] Fox - Team Results...  
 Message-ID: <000001c3cf1a\$60a56fe0\$7900a8c0@Bonnie>  
 MIME-Version: 1.0  
 Content-Type: text/plain;  
         charset="us-ascii"  
 Content-Transfer-Encoding: 7bit

Hunt # 17 - K2Q0 -

QRP Cheeseheads - 60

Jerry - N9AW \*  
 Rick - NK9G \* Clean  
 Gary - W9XT \* Sweep  
 Lon - W9XU \*  
 Jim - WA9TZE \*

The Underdogs - 55

Dan - N4ROA \*  
 Dennis - N4DD \*  
 Bob - KB2FEL  
 Dave - W0CH \*  
 Ron - KI0II \*

Cajun Thunder - 58

Wayne - K5E0A \*  
 Wayne - N5YFC  
 Vern - AA50 \*  
 Jim - N5IB \*  
 Chris - KD5UDB \*

Team Air Pork - 42

Wayne - K9DI  
 Mike - KD5KXF  
 Dave - AG4PJ \*  
         Randy - W9HL \*  
 Jerry - N0JRN

Raiders of the Lost RF - 27

The NE-TX Tornados - 71

Rob - VE6JAZ

Bill - K5JHP \*

Craig - VE4WI

Don - K5DW \* Clean

Fred - VE3FAL

Doc - W5TB \* Sweep

Earl - VA6RF \*

Lew - N5ZE \*

Bruce - VE5RC

George -W5YR \*

...please e-mail me direct with corrections, changes...tnx....

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
Date: Tue, 30 Dec 2003 14:27:43 -0600

From: "Jerry Ford" <benlightnd13@mchsi.com>

To: "qrp-l" <qrp-l@lehigh.edu>, "FPigs" <fpqrp-l@mpna.com>

Subject: [164131] Moving to 14064

Message-ID: <001e01c3cf13\$61fe7460\$4a78da0c@mchsi.com>

OK boys and girls:

40 is a wash for me right now so I'm jumping to 20 for a bit to see how it works out. The S6 QRN is a bit tough on 40 so, I'll give it an hour to cool down and come back to the watering hole later.

Hope I can hear better on 20 and I really hope I'll C U all over there for a bit !!

72 es ooo Jerry NOJRN  
FP # 546, 4SQRP, ARS # 923, ARCI # 11049, ARRL,  
Springfield, Mo. MP + #8  
<http://home.mchsi.com/~n0jrn>

-----  
Date: Tue, 30 Dec 2003 16:43:47 -0500  
From: John Sielke <[jsielke@pobox.com](mailto:jsielke@pobox.com)>  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [164132] RE: Reminder ARRL SKN (New Years Eve / New Years day)  
Message-ID: <3FF1F193.7020007@pobox.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

> Oh, no, not another way that hams can't have fun on the air!  
>  
> I once saw Richie Havens in concert. Not only was he a good singer, but he  
shared himself with the audience. He told us that he had been around the world  
five times. In all that travel, he had realized something. He asked us to think of  
what we do with our lives, then noted that everything that we do is against the  
law somewhere. Just how much restriction would we want to put on each other,  
anyway. If John doesn't want to use a bug on SKN, that is fine, but if someone  
else feels that the semi-automatic aspects of a bug are in the spirit of the  
event, why would anyone want to bust the bubble of their enjoying the event in  
their own way.  
>  
> In that spirit, I promise that if any of you all use bugs on SKN, I will work  
you!  
>

Hey, no problem. It seems as though, however, if it is called "STRAIGHT  
KEY Night" it rather strongly implies "STRAIGHT KEY."

Maybe it should be called "Mechanical Key Night?" Or "Non-Electronic Key  
Night."

I guess with the above thinking, that rule about not using packet  
spotting in DX contests falls under the same interpretation. Heck, even  
the old 2KW PEP maximum power. "If somebody thinks" they can run 5KW,  
why not?

Part of the fun of SKN is the straight key, and yes, the sore arm  
afterwards. Of course, use of the straight key is a dying art, so sure,



why not, let's bury it.

John W2AGN

-----  
Date: Tue, 30 Dec 2003 17:03:42 -0500  
From: "Donn" <dkuse@suwanneevalley.net>  
To: "Amateur Radio low power" <qrp-L@lehigh.edu>  
Subject: [164133] Re: Computer CW program  
Message-ID: <007801c3cf20\$ca5cfa60\$4ff827a2@D5DP1021>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Want to thank all that responded to my request.  
The three I got were: CWGET, CWPlayer and MFJ CW Reader.  
Will have to try the first two first since I don't have an MFJ CW Reader.  
BTW, G4FON's updated CW trainer is really nice. Like the added features.  
Tnx, agn,  
72/73 Donn, WB4ZWT  
68 and still learning

-----  
Date: Tue, 30 Dec 2003 16:08:42 -0600  
From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "qrp-l" <qrp-l@lehigh.edu>, "FPigs" <fpqrp-l@mpna.com>  
Subject: [164134] Holly Porkers  
Message-ID: <004401c3cf21\$7d3c9aa0\$4a78da0c@mchsi.com>

We're tied up again LL !!!!!!!!!!!!!!!

Who's gonna pull this one out ???????????

Need some help folks:                      The pond has gone dry again and  
we're going to be into Truffle time soon.              Anybody out there got  
a minute to stop by the watering hole ??????????

7044 from now until 0130z                      Come out and play !!!!  
Lots of piggies standing by for your pleasure.

00                      Jerry                      N0JRN  
FP # 546, 4SQRP,    ARS # 923,    ARCI # 11049,    ARRL,

Springfield, Mo. MP + #8  
http://home.mchsi.com/~n0jrn

-----  
Date: Tue, 30 Dec 2003 18:33:53 -0500  
From: sergio <sergio@village-buzz.com>  
To: qrp-1@Lehigh.EDU  
Subject: [164135] skn setup..  
Message-ID: <6.0.1.1.2.20031230183242.01b69af0@mail.neobright.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

here's a picture of my skn setup..

i got a qso on it a few minutes ago... so it looks like everything is working..

www.village-buzz.com

----  
peace,  
...sergio  
photographer, journalist, visionary  
  
www.village-buzz.com <- read my blog  
www.coffee-black.com <- my photography

-----  
Date: Tue, 30 Dec 2003 15:39:41 -0800 (PST)  
From: Lloyd Lachow <llachow@yahoo.com>  
To: benlightnd13@mchsi.com,  
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [164136] Re: Holly Porkers  
Message-ID: <20031230233942.35683.qmail@web41005.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

--- Jerry Ford <benlightnd13@mchsi.com> wrote:  
> We're tied up again LL !!!!!!!!!!!!!!!

>

Aaaarrrrggghhhh. Now I'm privileged to read to my kids and get them into bed. I'll be around starting about 0030Z, to give all those nice piggies a chance to be a part of History.

Y'all come play, now!!!

oo

LL

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland  
KX1#11 - multiPIG+14 - K1#379 - 20/40M RockMites  
Loop - EDZ - LW - Begali Magnetic Classic Paddles  
ARRL - ARS - QRParci - QCWA - FISTS #8774  
FPQRP #476 - QRP-L - BORG #2  
Fun = Skill / Power ! 8^D

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Do you Yahoo!?

Find out what made the Top Yahoo! Searches of 2003  
<http://search.yahoo.com/top2003>

-----  
Date: Tue, 30 Dec 2003 17:45:37 -0600  
From: "Todd Fonstad" <tfonstad@vbe.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [164137] 10.104 now RIP  
Message-ID: <001d01c3cf2f\$0729d360\$027dcfa9@toddfons>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

On 27 December, I posted:

"At 1600z 27 December I copied the mystery signal on my K2 a bit above the noise level here in Oshkosh in eastern Wisconsin (EN54). Using my rotatable 40 meter dipole as well as my tribander, I obtained a broad peak at approximately 300 degrees (WNW), and a somewhat narrower null at about 30 degrees (NNE).

Is anyone else able to do a similar measurement in order to better estimate the geographic source of the signal? A measurement from a West Coast station would be especially valuable.

I'll share any information gathered with the group."

Sam, KL7V/5, was the only person who gave me information on the bearing of this signal which has apparently since gone kaput. He wrote: "At 1630z from Oklahoma City, I can obtain a broad peak around 315 deg (NW) or possibly 135 deg (SE) using my tribander. My 40 meter rotatable dipole isn't showing much directivity on 30. In fact, I'm surprised the tribander is although I use it on 30 meters, I never thought it had any directivity to it! That steady carrier on 30 is running between s1 and s5. Last night I couldn't hear it at all but before sundown it was running between s7 and s9."

Triangulation with two broadly-peaking bearings is insufficient for street-address accuracy, of course, but a map analysis indicates that the signal probably originated from Oregon or Washington, at approximately 120 degrees West, 45 degrees North.

Requiescat in pace for both the signal and the topic!

Happy New Year and listen for my grandfather's 1928 Vibroplex Bug in SKN. He was a telegrapher on the Wisconsin Central RR ("Soo Line") for many years. I haven't used it much in the last two decades, so it will be a real challenge to send reasonably coherent CW.

72  
Todd  
N9NE

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End of QRP-L Digest 3150

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